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ABSTRACT

The status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1987 fall term at each college is presented. Indications of the uses being made of the space are given, and norms and historical information are presented for the past 5 years to enable institutions to make their own assessments of their facilities. The study's primary purpose is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. It also presents data that can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. Data for all 113 institutions of higher education in North Carolina are provided. The four categories of information are as follows: utilization of instructional space; interior space characteristics; building characteristics; and accessibility of facilities to the mobility impaired. An institutional index is provided. Contains 9 references. (SM)

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FACILITIES INVENTORY AND UTILIZATION STUDY

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Fine Arts Building, Elon College

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1987

For
THE STATE OF NORTH CAROLINA

TWENTY-FIRST EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1988

Fine Arts Building
Elon College

(Cover Photo)

Elon College's new Fine Arts Building, completed in the fall of 1987, is an $8 million, 77,730-square foot facility housing the college's fine arts and communications programs. The building contains a theater, recital hall, music center, visual arts center and performing arts center.

The 572-seat theater, which features a spacious stage with a 60' high fly loft and 40' wide proscenium, can be extended through the use of a filler into the orchestra pit. Lighting and sound equipment are designed to accommodate professional theater groups. The 125-seat Yeager Recital Hall, which will be used for dramatic and musical productions, rehearsal and lectures, features a modern projection room and built-in sound system for recording and studio quality production. The music center contains a 100-seat rehearsal room for band, choir, orchestra and other ensembles. This extensive area also houses three classrooms, 13 soundproof office/studios and 14 soundproof, modular practice rooms with ample extension and storage areas.

The visual arts center contains large studio/classrooms, a clay and kiln room, seminar areas and faculty offices. The performing arts center features a "black box" multipurpose room for fine arts and communications use in addition to a scene shop, green room, dressing rooms and storage areas.

Overlooking Lake Mary Nell, the building also features a spacious glass gallery opening onto a terrace used for outdoor receptions and gatherings. Adjacent to the gallery is the Isabella Cannon Room, a board room which can also be used for art exhibits and special dinners accommodating approximately 100 guests.

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(Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the twenty-first in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1987 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other Commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1987 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Philip Albano and Julian Wingfield of the Department of Community Colleges, Hope Williams of the N. C. Center for Independent Higher Education, Glenn Settliff of Duke University, James Pierce of N. C. Central University, Larry Gracie of N. C. State University, J. Patrick Jackson and Henry Holmes of The University of North Carolina-General Administration, and Thomas Heath of the Small Business and Technology Development Center. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The Commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of The University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise The University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for North Carolina Memorial Hospital, a part of The University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the Commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities, general baccalaureate colleges, and junior colleges. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study.

Because of the unique facilities requirements of medical schools, data for the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses.

For similar reasons, the Higher Education Facilities Commission began in 1983 to list separately the data for North Carolina State University's School of Veterinary Medicine. It should be noted that the Veterinary School was first reflected in the study in 1982, but its data that year were not listed separately.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the size and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the Commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the Commission with a computer tape of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions provide these data on computer tape or diskette. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the Commission keys this information onto master files at the Triangle Universities Computation Center (TUCC). Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are given technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. During the past year, because of improved in-house data processing capabilities, the Commission has provided data search services, software, special analyses and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the Commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and ten statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of The University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the Commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the Commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such things as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition does include trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, North Carolina Memorial Hospital, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which create problems in reporting utilization data. The following changes in the utilization reporting procedures have been made to reflect these situations accurately and fairly in the data.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. This has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported in Table 2. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of The University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

Beginning this year, the Department of Community Colleges is reporting full-time equivalent enrollment (FTE) based on a contact-hour formula instead of the previous credit-hour calculation. This alteration was made by DCC and Commission staff to conform to the official Department of Community Colleges FTE figure for data reporting and funding assignment. Because of problems with the previous calculation formula, this change will also provide a better correlation to on-campus space utilization and ensure greater data integrity. Tables 2 and 12 of this study, with accompanying graphs on pages 19 and 71, are impacted by this conversion, which is further explained in their preceding texts.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner. In addition, Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

In 1985, Fayetteville State University and the University of North Carolina at Wilmington became comprehensive universities. Their 1985, 1986, and 1987 data are reported under "Comprehensive Universities," but their data for prior years remain under their previous status of "General Baccalaureate Universities."

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of The University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the North Carolina Community College system.

James Chavis Center, Pembroke State University

Pembroke State University's James Chavis Center was completed in 1987 at a cost of $5 million. The 66,000 square foot facility was specifically designed to be a versatile, multipurpose center for a number of campus activities in addition to those assigned to a traditional student center.

Student activity areas include a large kitchen and dining area for 300 people, a separate snack bar, student government offices, a TV/game area, student lounges, music and reading rooms and an eight lane bowling alley. The facility also contains extensive support space for both staff and students: career guidance, placement and counseling centers, the Chancellor and Faculty Lounges, administrative offices, a post office, security offices and a meditation room.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class
  Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class
  Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Ranges of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:
CAPACITY/ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between 4 and 5 for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Athletic-Physical Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO

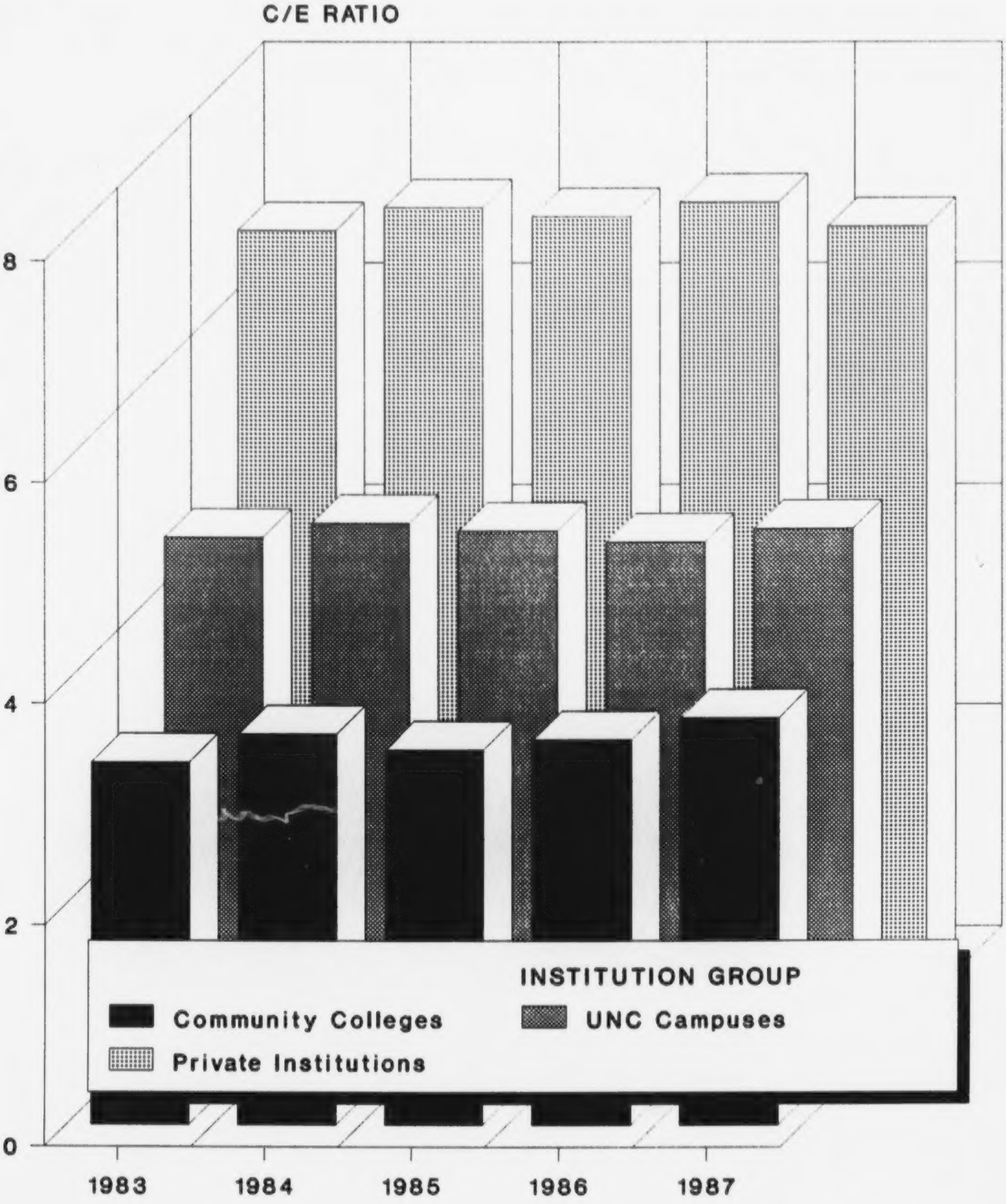


Table 1

Capacity/Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1987	1986	1985	1984	1983
Major Research Universities:							
NC State	1,299,287	313,897.5	4.14	3.50	3.55	3.53	3.66
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,466,964	261,762.5	5.60	5.28	5.40	6.20	5.13
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,766,251	575,660.0	4.81	4.27	4.36	4.67	4.30
Other Doctoral Universities:							
UNC-Greensboro	558,042	128,946.0	4.33	4.84	4.99	5.12	5.43
Comprehensive Universities:							
Appalachian	611,388	157,603.5	3.88	4.13	4.44	4.50	4.50
East Carolina	632,213	187,599.0	3.37	3.53	3.59	3.60	3.64
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	226,837	33,937.0	6.68	4.63	4.62	-	-
NC A & T	538,175	88,412.0	6.09	6.38	5.83	6.41	6.32
NC Central	416,881	59,229.5	7.04	7.77	7.70	6.41	5.59
UNC-Charlotte	548,054	154,843.0	3.54	3.74	3.89	3.64	3.58
UNC-Wilmington	318,743	91,927.0	3.47	2.93	3.03	-	-
West'n Carolina	521,542	78,631.5	6.63	6.66	6.29	5.74	5.83
SUBTOTAL	3,813,833	852,182.5	4.48	4.55	4.60	4.65	4.58
Gen. Baccalaureate Universities:							
Elizabeth City	169,665	25,943.0	6.54	5.83	6.78	7.42	7.22
Fayetteville	-	-	-	-	-	5.13	4.59
Pembroke	189,143	31,694.5	5.97	6.26	6.80	7.21	7.41
UNC-Asheville	151,360	35.448.5	4.27	4.29	4.53	3.65	4.47
UNC-Wilmington	-	-	-	-	-	3.17	3.28
Winston-Salem	218,044	33,227.5	6.56	6.05	6.60	6.58	6.12
SUBTOTAL	728,212	126,313.5	5.77	5.58	6.11	4.91	4.97

Table 1

Capacity/Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1987	1986	1985	1984	1983
Specialized Institution:							
NC Sch. of Arts*	166,036	19,945.0	8.32	7.94	8.40	7.60	6.63
Community Colleges:							
SUBTOTAL	5,443,234	1,481,792.0	3.67	3.47	3.38	3.52	3.27
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	1,188,905	180,662.0	6.58	6.81	7.02	6.95	7.01
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,269,400	476,873.5	6.86	7.04	6.83	6.98	6.71
Junior Colleges:							
SUBTOTAL*	500,682	72,331.0	6.92	7.34	6.92	6.89	6.49
GRAND TOTAL	18,434,595	3,914,705.5	4.71	4.60	4.59	4.71	4.50

*High school courses at N. C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Table 1

Capacity/Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1987	1986	1985	1984	1983
Community Colleges:							
Alamance CC	81,778	30,371.5	2.69	2.46	2.48	2.39	2.17
Anson CC	35,634	5,967.5	5.97	6.15	5.66	8.31	6.22
Ashev'le-Bun. TCC	164,517	39,756.0	4.14	3.46	3.64	4.18	3.36
Beaufort Co. CC	69,944	13,117.0	5.33	5.08	4.85	5.86	5.12
Bladen CC	45,350	6,781.5	6.69	5.09	5.23	6.41	6.66
Blue Ridge CC	66,557	15,166.0	4.39	3.94	3.83	4.15	4.34
Brunswick CC	48,124	8,451.0	5.69	4.92	4.86	5.09	5.46
Caldwell CC & TI	85,091	22,455.0	3.79	3.37	3.19	3.35	3.14
Cape Fear CC	100,397	33,668.0	2.98	2.84	3.23	3.57	3.25
Carteret CC	60,980	20,308.0	3.00	3.35	3.42	3.68	3.30
Catawba Vy. CC	118,053	31,380.0	3.76	3.80	3.57	4.09	3.45
C. Carolina CC	97,656	28,799.5	3.39	3.01	2.97	3.02	2.71
C. Piedmont CC	345,854	165,151.5	2.09	1.84	2.22	2.26	2.11
Cleveland CC	92,030	14,272.5	6.45	5.90	4.10	4.06	4.50
Coastal Car. CC	122,722	41,275.0	2.97	2.73	2.67	3.07	2.98
Col. Albemarle	72,495	19,417.0	3.73	3.48	3.47	4.11	3.21
Craven CC	78,634	32,870.0	2.39	2.69	2.85	2.82	3.50
Davidson Co. CC	106,777	21,178.0	5.04	3.66	3.46	3.64	3.43
Durham TCC	108,993	42,141.5	2.59	2.68	2.73	2.75	2.75
Edgecombe CC	70,177	11,887.5	5.90	5.69	6.10	6.21	4.76
Fayettev'le TCC	160,528	62,043.0	2.59	2.34	2.39	2.30	1.99
Forsyth TCC	209,289	47,378.0	4.42	4.13	3.88	3.47	3.01
Gaston Col.	142,629	34,920.5	4.08	4.44	3.69	4.32	4.28
Guilford TCC	270,658	81,341.5	3.33	3.22	3.53	3.66	3.08
Halifax CC	63,453	12,208.0	5.20	4.30	3.33	2.90	3.21
Haywood CC	119,508	25,443.5	4.70	4.29	3.50	4.16	3.53
Isothermal CC	115,511	25,722.0	4.49	4.60	4.29	4.34	4.71
J. Sprunt CC	58,163	9,220.0	6.31	6.21	5.53	5.29	4.07
Johnston CC	73,116	23,254.5	3.14	3.49	3.74	3.87	3.34
Lenoir CC	120,928	29,260.0	4.13	4.90	4.01	3.55	3.60

Table 1

Capacity/Enrollment Ratio

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1987	1986	1985	1984	1983
Community Colleges:							
Martin CC	78,407	11,623.0	6.75	8.04	7.68	7.26	6.54
Mayland CC	26,661	7,264.5	3.67	3.64	3.42	2.91	2.78
McDowell CC	55,948	9,018.0	6.20	4.08	4.36	3.87	4.31
Mitchell CC	115,319	20,741.0	5.56	4.31	4.79	4.44	4.34
Montgomery CC	36,294	7,378.0	4.92	4.45	4.89	4.97	4.30
Nash CC	61,590	15,735.5	3.91	3.90	2.80	3.13	3.69
Pamlico CC	20,814	2,457.0	8.47	7.61	8.43	8.98	8.70
Piedmont CC	46,838	8,046.0	5.82	5.46	5.83	5.65	5.43
Pitt CC	100,334	38,336.0	2.62	2.61	2.54	2.61	2.41
Randolph CC	96,158	20,882.5	4.60	4.52	3.76	4.04	3.97
Richmond CC	69,061	15,073.5	4.58	4.10	3.74	4.10	3.61
Roanoke-Cho. CC	57,322	10,212.0	5.61	5.32	4.45	4.59	5.60
Robeson CC	87,511	17,802.5	4.92	3.86	3.47	3.90	3.83
Rockingham CC	119,001	22,338.0	5.33	5.04	4.94	5.37	4.97
Rowan-Cab. CC	107,952	29,094.0	3.71	3.44	3.69	3.65	3.21
Sampson CC	60,891	13,783.5	4.42	2.73	2.53	2.60	2.82
Sandhills CC	107,821	29,530.0	3.65	3.33	3.44	3.47	3.22
Southeastern CC	85,860	19,514.0	4.40	4.36	3.72	4.10	3.94
Southwestern CC	65,651	14,374.0	4.57	4.22	3.29	3.77	3.00
Stanly CC	55,950	13,066.5	4.28	3.81	2.92	3.03	2.98
Surry CC	91,989	27,457.0	3.35	3.19	3.32	3.41	3.56
Tri-County CC	63,341	11,402.0	5.56	4.98	5.33	5.31	5.02
Vance-Granv. CC	65,547	19,616.0	3.34	3.43	3.18	3.35	3.14
Wake TCC	128,594	50,630.5	2.54	2.65	2.48	2.61	2.40
Wayne CC	105,981	30,981.0	3.42	3.37	2.97	3.00	2.70
W. Piedmont CC	69,664	21,065.5	3.31	3.53	2.91	3.08	3.06
Wilkes CC	72,236	21,921.5	3.30	3.32	3.26	3.92	3.72
Wilson Co. TC	84,953	17,244.0	4.93	4.76	3.97	4.24	3.68
TOTAL	5,443,234	1,481,792.0	3.67	3.47	3.38	3.52	3.27

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960's. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores), or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800's (Health Care Facilities), and all of the 900's (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

The FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction and enrollment in non-credit courses. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

Beginning this year, the Department of Community Colleges is reporting FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation (see pages 69-70). To maintain an accurate table and graph presentation of trend over the past five years, figures for 1983-1986, in addition to the current 1987 figures, have been calculated on the basis of this conversion. This has an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the Community Colleges, therefore, previous year figures for Table 2 and Table 12 in earlier studies will not coincide with those in this publication.

$$\text{SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT} = \frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

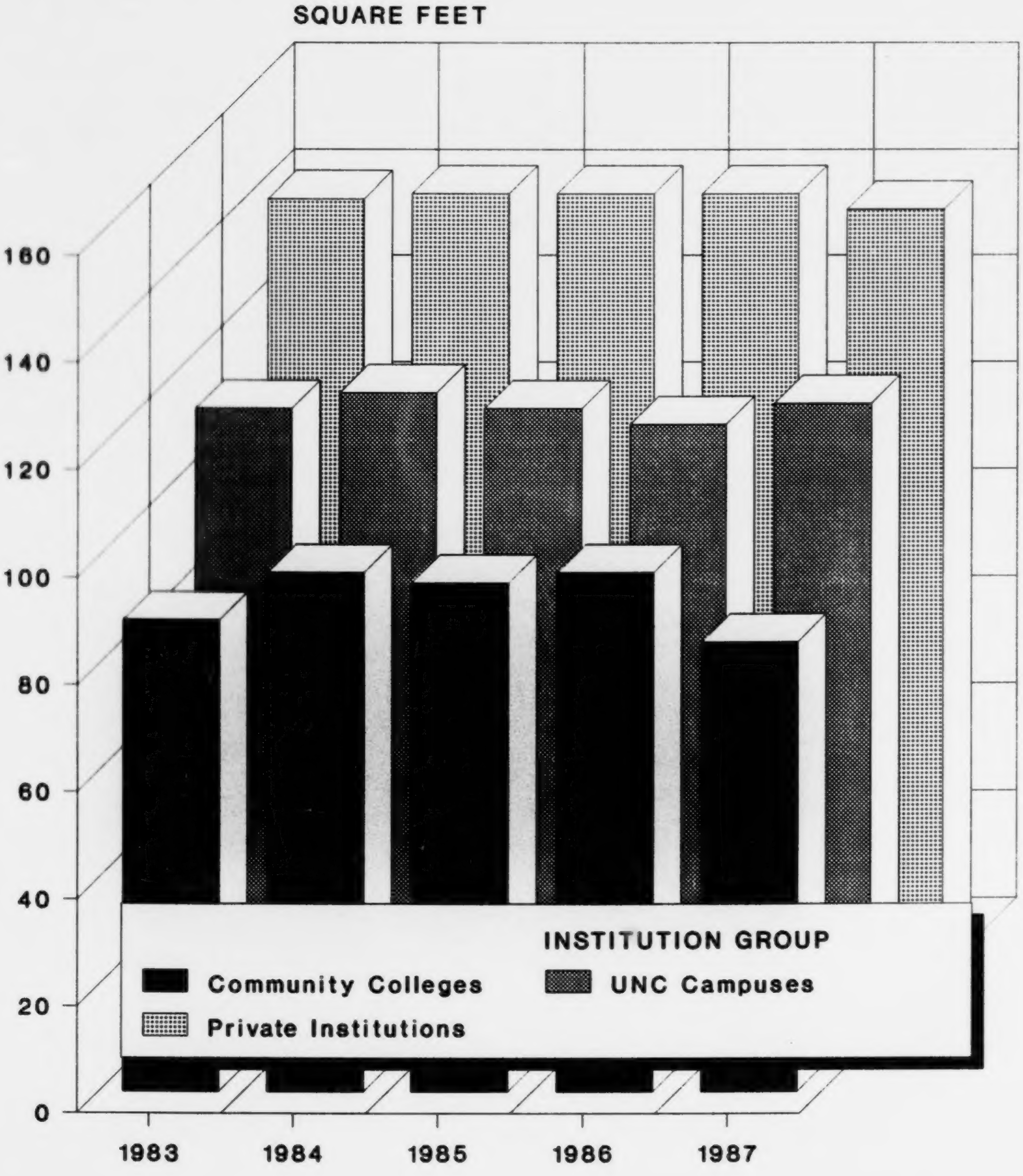


Table 2

Square Feet of Academic Facilities Per FTE Student

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1987	1986	1985	1984	1983
Major Research Universities:							
NC State	2,655,645	19,554	136	126	125	127	132
NC State Vet.	215,401	276	780	763	851	975	1,434
UNC-Chapel Hill	2,458,445	17,607	140	129	132	144	126
UNC-Health Aff.	1,151,038	3,127	368	369	369	364	350
SUBTOTAL*	5,114,090	37,161	138	127	128	135	129
Other Doctoral Universities:							
UNC-Greensboro	881,206	9,169	96	95	101	103	109
Comprehensive Universities:							
Appalachian	920,135	10,357	89	93	99	101	101
East Carolina	936,228	12,599	74	78	80	82	85
ECU-Health Aff.	406,772	931	437	360	331	297	285
Fayetteville	327,642	2,316	141	104	102	-	-
NC A & T	876,097	5,473	160	152	153	161	153
NC Central	579,254	4,334	134	135	140	125	106
UNC-Charlotte	749,505	10,216	73	75	80	75	75
UNC-Wilmington	436,384	6,035	72	66	66	-	-
West'n Carolina	737,659	5,277	140	140	135	128	129
SUBTOTAL*	5,562,904	56,607	98	98	100	104	102
Gen. Baccalaureate Universities:							
Elizabeth City	259,141	1,537	169	157	172	175	185
Fayetteville	-	-	-	-	-	113	105
Pembroke	253,631	2,249	113	121	127	135	138
UNC-Asheville	207,898	2,346	89	89	99	100	101
UNC-Wilmington	-	-	-	-	-	67	67
Winston-Salem	323,523	2,249	144	147	161	160	123
SUBTOTAL	1,044,193	8,381	125	126	138	112	106

Table 2

Square Feet of Academic Facilities Per FTE Student

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1987	1986	1985	1984	1983
Specialized Institution:							
NC Sch. of Arts**	208,408	462	451	456	430	412	399
Community Colleges:							
SUBTOTAL	6,737,630	80,113	84	78	77	78	71
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,124,470	14,091	151	150	153	155	158
Gen. Baccalaureate Colleges:							
SUBTOTAL	4,328,555	33,296	130	134	132	132	130
Junior Colleges:							
SUBTOTAL**	635,167	3,832	166	175	168	174	160
GRAND TOTAL	26,636,623	243,112	110	104	104	107	102

*Divison of Health Affairs and NCSU Veterinary School are excluded from all totals.

**The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's College (Junior Colleges).

Table 2

Square Feet of Academic Facilities Per FTE Student

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1987	1986	1985	1984	1983
Community Colleges:							
Alamance CC	98,396	1,535	64	58	62	57	51
Anson CC	46,302	317	146	153	150	162	132
Ashev'le-Bun. TCC	204,372	2,196	93	85	88	90	81
Beaufort Co. CC	87,284	810	108	102	97	107	101
Bladen CC	56,601	419	135	121	115	156	133
Blue Ridge CC	84,489	889	95	86	82	90	94
Brunswick CC	57,324	466	123	103	108	128	124
Caldwell CC & TI	108,221	1,350	80	76	107	73	70
Cape Fear CC	124,333	1,976	63	58	73	88	73
Carteret CC	86,344	1,000	86	96	104	112	92
Catawba Vy. CC	146,671	1,537	95	90	93	95	80
C. Carolina CC	113,917	1,609	71	59	58	58	53
C. Piedmont CC	432,355	7,972	54	48	50	53	48
Cleveland CC	110,114	727	151	141	124	126	118
Coastal Car. CC	141,218	2,348	60	57	57	61	62
Col. Albemarle	86,311	937	92	89	85	72	71
Craven CC	87,426	997	88	84	70	75	65
Davidson Co. CC	132,011	1,686	78	76	79	74	66
Durham TCC	138,184	2,189	63	60	59	60	53
Edgecombe CC	82,682	689	120	100	89	106	84
Fayettev'le TCC	205,056	4,065	50	46	47	48	41
Forsyth TCC	254,805	2,485	103	96	98	68	61
Gaston Col.	169,119	2,226	76	69	68	75	66
Guilford TCC	327,868	4,447	74	81	88	81	71
Halifax CC	75,096	652	115	103	68	78	71
Haywood CC	159,214	1,098	145	138	116	134	112
Isothermal CC	131,232	1,300	101	88	82	83	82
J. Sprunt CC	73,505	594	124	113	116	108	99
Johnston CC	95,328	1,363	70	78	75	80	71
Lenoir CC	138,096	1,640	84	87	81	87	77

Table 2

Square Feet of Academic Facilities Per FTE Student

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1987	1986	1985	1984	1983
Community Colleges:							
Martin CC	97,026	604	161	177	173	165	152
Mayland CC	36,132	489	74	73	63	60	53
McDowell CC	66,288	515	129	81	89	81	81
Mitchell CC	148,230	1,034	143	110	112	115	102
Montgomery CC	42,688	376	114	113	106	104	91
Nash CC	75,609	855	88	82	63	82	84
Pamlico CC	26,713	105	254	215	219	264	219
Piedmont CC	79,562	416	191	192	178	121	169
Pitt CC	123,610	2,169	57	53	54	55	49
Randolph CC	120,198	1,130	106	102	88	95	95
Richmond CC	80,394	809	99	89	84	89	79
Roanoke-Cho. CC	76,962	558	138	129	115	100	95
Robeson CC	114,600	1,044	110	92	82	100	81
Rockingham CC	138,351	1,150	120	106	113	122	110
Rowan-Cab. CC	132,615	1,471	90	88	96	84	73
Sampson CC	71,207	721	99	65	61	62	65
Sandhills CC	133,223	1,864	71	69	65	70	64
Southeastern CC	107,425	1,095	98	88	73	75	68
Southwestern CC	77,587	814	95	77	73	77	67
Stanly CC	65,382	767	85	78	75	92	84
Surry CC	108,109	1,450	75	69	69	73	75
Tri-County CC	69,249	509	136	119	110	121	110
Vance-Granv. CC	88,593	1,152	77	78	75	79	76
Wake TCC	173,071	2,614	66	61	59	58	55
Wayne CC	122,827	1,566	78	75	66	68	73
W. Piedmont CC	91,904	1,402	66	66	60	70	68
Wilkes CC	103,287	1,152	90	84	79	96	82
Wilson Co. TC	112,914	763	148	113	108	114	111
TOTAL	6,737,630	80,113	84	78	77	78	71

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime use. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

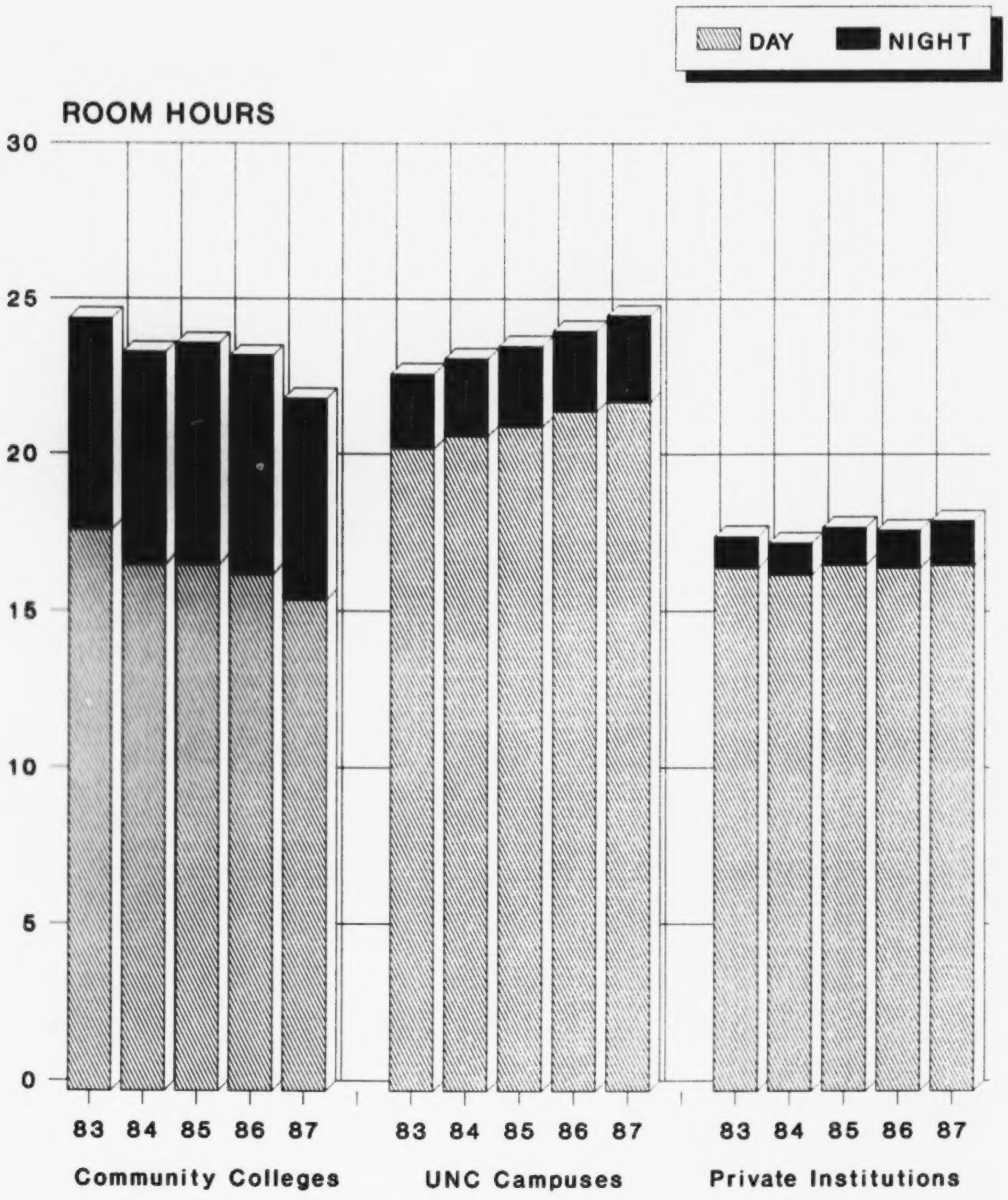


Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Major Research Universities:								
NC State	8,029.0	28.9	2.6	31.5	31.7	31.1	29.9	28.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,760.5	26.4	1.2	27.6	26.6	26.3	25.9	24.9
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,789.5	27.7	1.9	29.6	29.2	28.8	28.0	26.8
Other Doctoral Universities:								
UNC-Greensboro	3,486.0	20.5	3.7	24.2	20.6	20.8	19.8	18.2
Comprehensive Universities:								
Appalachian	5,067.0	28.6	1.6	30.2	29.0	28.6	28.5	28.4
East Carolina	4,958.5	23.3	3.9	27.2	26.3	25.3	24.5	24.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,324.0	19.9	4.6	24.5	24.3	23.6	-	-
NC A & T	2,731.5	12.7	1.9	14.6	15.7	15.3	15.4	15.2
NC Central	2,034.5	10.9	2.8	13.7	13.4	14.0	15.6	16.5
UNC-Charlotte	3,763.0	27.0	5.7	32.7	31.7	31.6	32.1	32.4
UNC-Wilmington	2,516.0	33.4	3.6	37.0	34.9	34.6	-	-
West'n Carolina	2,462.0	19.1	1.7	20.8	21.2	21.5	21.9	21.0
SUBTOTAL	24,856.5	20.9	3.0	23.9	23.6	23.4	22.7	22.7
Gen. Baccalaureate Universities:								
Elizabeth City	803.0	17.6	2.5	20.1	23.5	18.6	17.0	15.7
Fayetteville	-	-	-	-	-	-	22.0	23.2
Pembroke	1,065.0	13.0	2.0	15.0	15.0	14.6	14.1	13.8
UNC-Asheville	1,388.0	29.5	9.0	38.5	36.7	31.4	29.7	28.6
UNC-Wilmington	-	-	-	-	-	-	33.5	30.4
Winston-Salem	1,249.5	13.6	2.4	16.0	15.7	14.1	14.1	16.5
SUBTOTAL	4,505.5	16.7	3.4	20.1	20.2	18.3	21.1	21.1

Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Specialized Institution:								
NC Sch. of Arts	315.0	12.5	0.1	12.6	15.2	12.2	12.8	10.7
Community Colleges:								
SUBTOTAL	46,922.0	15.7	6.4	22.1	23.5	23.9	23.6	24.7
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,785.0	19.4	0.7	20.1	19.7	18.8	18.2	17.7
Gen. Baccalaureate Colleges:								
SUBTOTAL	18,855.0	16.2	1.7	17.9	17.8	18.0	17.6	18.0
Junior Colleges:								
SUBTOTAL	2,429.0	15.4	0.4	15.8	15.9	16.4	16.1	16.8
GRAND TOTAL	121,943.5	18.2	3.8	22.0	22.2	22.2	21.8	22.2

Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Alamance CC	968.5	19.6	10.6	30.2	31.4	28.8	32.1	29.3
Anson CC	233.0	10.9	2.8	13.7	15.7	22.4	13.5	12.1
Ashev'le-Bun. TCC	1,435.5	12.6	5.1	17.7	20.0	18.0	17.7	21.9
Beaufort Co. CC	576.5	14.1	5.1	19.2	18.1	19.6	16.2	14.7
Bladen CC	156.0	7.9	1.8	9.7	16.1	17.1	19.1	18.0
Blue Ridge CC	561.5	15.5	11.3	26.8	25.8	25.3	23.8	23.9
Brunswick CC	416.5	14.8	6.1	20.9	20.1	22.8	23.6	20.0
Caldwell CC & TI	670.0	16.3	6.1	22.4	26.8	24.9	24.8	23.8
Cape Fear CC	797.0	23.8	9.4	33.2	32.2	33.5	31.3	30.9
Carteret CC	646.0	16.3	8.5	24.8	19.1	21.1	20.5	20.8
Catawba Vy. CC	884.0	10.7	8.1	18.8	20.5	20.8	20.8	24.0
C. Carolina CC	942.5	19.8	7.9	27.7	31.6	32.4	34.2	39.5
C. Piedmont CC	4,255.0	21.9	8.1	30.0	36.6	33.1	33.0	32.0
Cleveland CC	549.0	8.9	6.8	15.7	18.0	18.7	19.1	19.2
Coastal Car. CC	1,527.0	24.9	9.0	33.9	37.6	35.0	31.5	31.6
Col. Albemarle	596.0	15.4	5.9	21.3	21.2	21.1	23.3	26.2
Craven CC	972.0	21.4	6.3	27.7	28.0	29.1	26.2	23.2
Davidson Co. CC	749.5	13.6	4.7	18.3	24.4	24.0	20.0	21.3
Durham TCC	1,242.5	18.9	10.7	29.6	27.8	23.2	30.2	30.2
Edgecombe CC	329.5	4.7	3.3	8.0	20.4	16.3	18.0	21.0
Fayettev'le TCC	2,263.0	22.7	7.5	30.2	31.9	34.5	32.9	36.5
Forsyth TCC	1,534.5	11.9	6.1	18.0	19.8	19.4	26.1	29.4
Gaston Col.	1,135.5	15.6	5.4	21.0	20.1	22.0	19.1	18.9
Guilford TCC	2,506.5	16.4	7.0	23.4	21.9	21.6	22.6	26.1
Halifax CC	388.0	10.8	4.7	15.5	19.6	26.7	30.0	31.7
Haywood CC	555.0	16.4	5.0	21.4	22.0	25.8	19.9	25.9
Isothermal CC	889.0	14.5	6.1	20.6	17.9	21.6	19.6	19.7
J. Sprunt CC	427.0	16.4	5.0	21.4	16.8	17.8	19.4	20.6
Johnston CC	846.0	20.2	8.9	29.1	22.2	21.2	24.0	25.3
Lenoir CC	911.0	14.2	3.6	17.8	17.0	19.7	18.1	20.9

Table 3

Average Weekly Room Hours of Instruction in Classrooms

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Martin CC	387.0	11.8	3.7	15.5	13.5	14.9	15.4	16.2
Mayland CC	280.0	19.1	8.9	28.0	28.9	31.6	30.7	32.0
McDowell CC	230.5	4.9	5.6	10.5	14.6	17.8	17.9	13.9
Mitchell CC	606.0	7.5	3.7	11.2	16.6	15.9	18.4	18.7
Montgomery CC	208.0	11.5	7.5	19.0	24.0	24.2	21.4	19.5
Nash CC	622.5	11.1	6.7	17.8	16.3	27.4	22.1	23.3
Pamlico CC	120.0	9.7	3.7	13.4	12.5	13.3	13.3	11.7
Piedmont CC	285.0	10.1	4.2	14.3	19.3	16.4	20.5	20.1
Pitt CC	1,135.0	24.9	7.5	32.4	26.8	26.9	26.7	31.5
Randolph CC	640.0	12.1	7.3	19.4	17.3	22.7	23.1	24.0
Richmond CC	513.0	12.4	6.6	19.0	19.8	24.5	24.8	26.2
Roanoke-Cho. CC	455.5	13.6	2.1	15.7	18.7	17.8	17.0	13.3
Robeson CC	691.5	13.2	6.6	19.8	23.4	21.1	21.8	18.7
Rockingham CC	732.5	17.2	7.2	24.4	24.2	22.8	19.6	21.9
Rowan-Cab. CC	1,000.5	12.4	9.4	21.8	24.3	22.3	21.0	24.1
Sampson CC	559.5	13.9	8.4	22.3	32.2	25.8	31.8	25.7
Sandhills CC	832.0	18.2	4.9	23.1	28.6	25.1	25.6	25.7
Southeastern CC	511.5	13.6	2.9	16.5	17.1	20.4	20.8	20.2
Southwestern CC	442.0	12.0	3.8	15.8	20.8	24.3	21.8	31.9
Stanly CC	417.5	11.0	5.0	16.0	20.2	23.5	19.7	26.4
Surry CC	734.5	19.2	7.0	26.2	26.9	24.8	22.9	22.5
Tri-County CC	448.5	12.6	7.8	20.4	24.3	17.7	18.5	20.4
Vance-Granv. CC	672.5	15.5	7.7	23.2	21.5	23.8	22.1	21.8
Wake TCC	1,572.5	25.8	6.3	32.1	32.7	28.4	26.2	27.0
Wayne CC	1,015.0	16.6	5.5	22.1	20.8	24.1	20.8	24.7
W. Piedmont CC	598.0	20.9	9.0	29.9	30.7	28.3	26.9	22.8
Wilkes CC	840.5	19.6	5.1	24.7	23.4	27.0	25.1	26.6
Wilson Co. TC	408.0	12.2	5.5	17.7	18.2	24.0	23.5	25.1
TOTAL	46,922.0	15.7	6.4	22.1	23.5	23.9	23.6	24.7

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

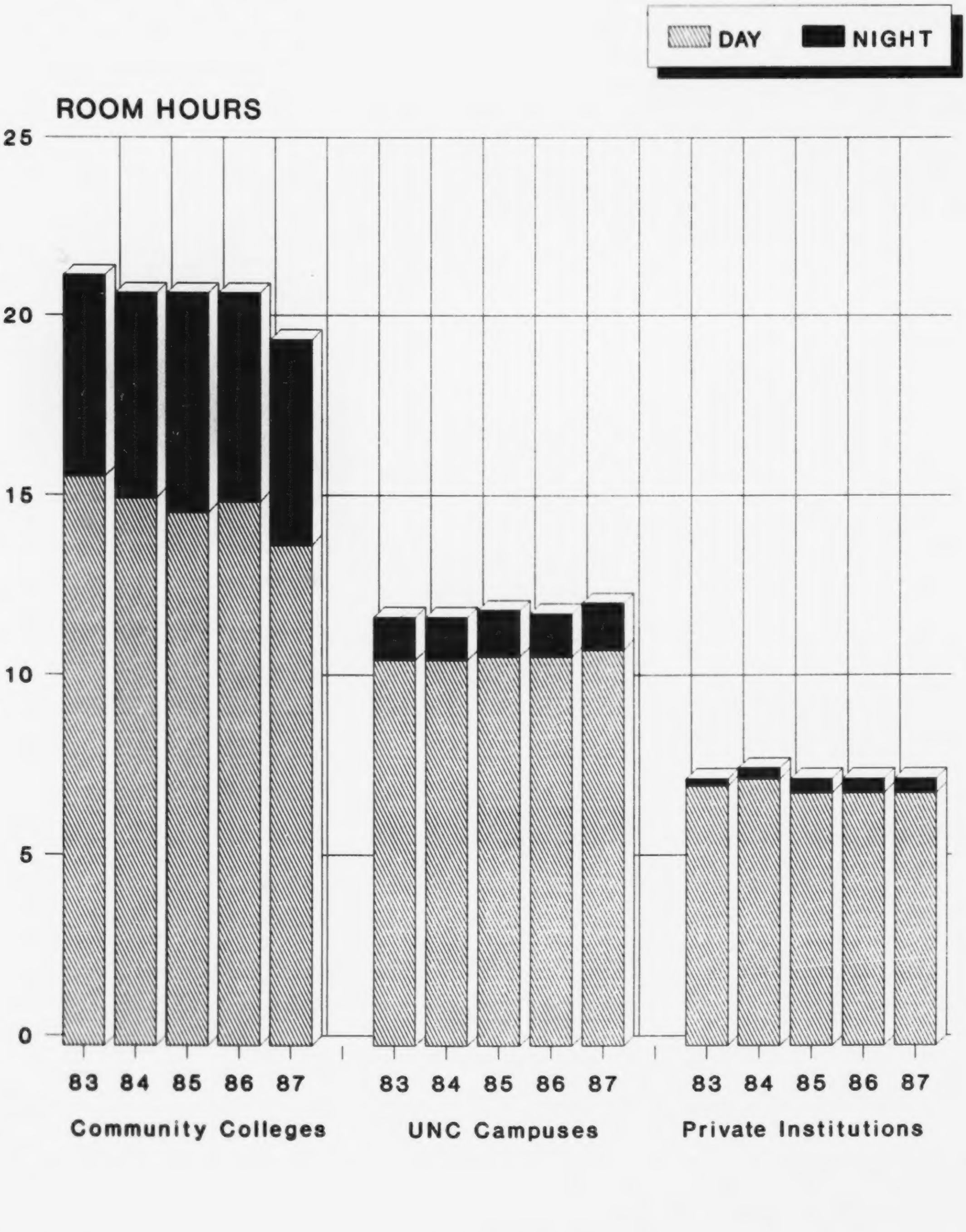


Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Major Research Universities:								
NC State	2,474.0	10.4	1.1	11.5	11.4	11.3	11.2	10.7
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,423.0	15.2	2.2	17.4	17.5	16.1	16.1	15.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,897.0	11.8	1.4	13.2	13.2	12.5	12.6	12.2
Other Doctoral Universities:								
UNC-Greensboro	891.0	12.8	1.1	13.9	8.2	9.7	8.5	7.8
Comprehensive Universities:								
Appalachian	825.0	12.7	1.0	13.7	15.4	13.5	12.6	13.8
East Carolina	2,106.0	13.6	1.2	14.8	13.8	14.5	14.5	13.9
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	405.0	9.5	1.8	11.3	11.0	12.2	-	-
NC A & T	619.5	4.5	0.5	5.0	7.1	7.3	7.1	7.2
NC Central	341.5	5.4	0.4	5.8	6.2	6.1	7.1	7.2
UNC-Charlotte	1,325.0	16.4	3.6	20.0	17.1	16.2	17.5	18.2
UNC-Wilmington	613.5	15.1	1.5	16.6	15.3	15.5	-	-
West'n Carolina	655.0	10.9	0.6	11.5	12.9	12.8	12.1	12.9
SUBTOTAL	6,890.5	10.6	1.2	11.8	12.1	12.1	11.9	12.1
Gen. Baccalaureate Universities:								
Elizabeth City	289.0	10.5	1.5	12.0	11.8	11.4	8.6	9.4
Fayetteville	-	-	-	-	-	-	11.6	10.9
Pembroke	264.5	9.7	0.9	10.6	8.4	7.9	7.3	7.6
UNC-Asheville	169.0	7.1	1.8	8.9	12.0	13.5	12.6	14.2
UNC-Wilmington	-	-	-	-	-	-	15.4	15.6
Winston-Salem	186.0	7.4	0.7	8.1	8.5	8.5	7.3	8.6
SUBTOTAL	908.5	8.8	1.2	10.0	10.1	10.2	10.7	11.2

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Specialized Institution:								
NC Sch. of Arts	627.5	12.3	0.8	13.1	12.4	16.9	17.3	18.2
Community Colleges:								
SUBTOTAL	37,229.0	13.9	5.7	19.6	20.9	20.9	20.9	21.4
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	679.5	6.6	0.2	6.8	8.4	7.1	6.5	6.2
Gen. Baccalaureate Colleges:								
SUBTOTAL	3,598.5	6.9	0.5	7.4	7.0	7.2	7.9	7.6
Junior Colleges:								
SUBTOTAL	785.0	8.0	0.2	8.2	7.8	8.1	7.7	8.4
GRAND TOTAL	55,506.5	11.8	3.4	15.2	15.6	15.6	15.6	15.7

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Alamance CC	843.5	17.8	7.0	24.8	28.3	25.3	25.0	25.6
Anson CC	340.5	12.3	6.6	18.9	21.7	20.9	21.2	24.6
Ashev'le-Bun. TCC	858.5	12.8	5.0	17.8	21.1	19.4	18.4	21.2
Beaufort Co. CC	376.5	12.2	4.2	16.4	15.9	16.4	15.3	16.7
Bladen CC	468.5	12.6	4.8	17.4	17.6	18.3	15.1	12.1
Blue Ridge CC	525.5	17.3	9.0	26.3	27.0	28.8	24.8	21.3
Brunswick CC	303.0	11.8	5.1	16.9	15.0	16.7	17.2	22.3
Caldwell CC & TI	642.5	12.8	7.9	20.7	25.2	26.5	26.7	25.2
Cape Fear CC	925.0	18.3	6.7	25.0	27.8	23.3	23.8	26.1
Carteret CC	587.0	14.9	6.0	20.9	21.3	17.6	19.9	21.0
Catawba Vy. CC	758.5	12.4	7.6	20.0	19.5	20.5	20.0	21.3
C. Carolina CC	719.5	13.4	4.6	18.0	25.7	22.9	25.1	24.1
C. Piedmont CC	3,168.5	27.2	8.4	35.6	38.2	26.5	31.8	35.6
Cleveland CC	559.5	7.0	5.5	12.5	12.0	14.4	13.6	16.7
Coastal Car. CC	737.5	16.2	4.8	21.0	22.9	21.6	18.4	19.5
Col. Albemarle	376.5	9.4	3.5	12.9	16.5	18.0	15.9	16.8
Craven CC	820.5	22.5	6.8	29.3	28.4	28.0	28.6	26.9
Davidson Co. CC	491.0	9.3	4.3	13.6	18.9	18.2	19.0	19.5
Durham TCC	834.5	13.8	7.1	20.9	19.6	17.4	18.7	17.5
Edgecombe CC	262.5	4.8	2.9	7.7	14.7	15.6	11.9	18.1
Fayettev'le TCC	1,045.0	16.5	3.3	19.8	20.2	23.1	24.4	25.9
Forsyth TCC	1,089.0	12.3	6.5	18.8	18.1	19.4	24.6	25.5
Gaston Col.	685.0	9.5	4.2	13.7	10.1	13.9	13.3	11.2
Guilford TCC	1,855.5	14.1	6.1	20.2	18.9	18.5	21.0	28.8
Halifax CC	403.0	13.7	3.8	17.5	19.5	21.4	22.3	23.5
Haywood CC	1,207.0	16.9	3.2	20.1	21.1	24.4	20.6	19.0
Isothermal CC	687.5	13.3	6.3	19.6	20.5	22.2	25.0	19.8
J. Sprunt CC	403.5	14.7	4.5	19.2	17.4	22.4	21.4	19.2
Johnston CC	483.5	10.4	4.7	15.1	17.1	17.4	17.3	16.7
Lenoir CC	663.0	11.8	3.9	15.7	18.1	16.6	17.2	20.8

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Martin CC	340.5	13.6	3.4	17.0	18.3	19.1	17.7	17.5
Mayland CC	296.5	19.9	9.8	29.7	27.6	28.5	27.4	28.5
McDowell CC	513.5	13.4	11.1	24.5	24.4	23.1	22.9	23.8
Mitchell CC	470.5	8.4	6.7	15.1	18.4	15.2	18.6	21.0
Montgomery CC	466.5	13.0	7.3	20.3	23.9	21.0	24.4	20.2
Nash CC	451.5	13.7	7.8	21.5	17.5	22.5	16.9	15.4
Pamlico CC	125.0	12.6	3.0	15.6	17.4	14.7	17.8	21.7
Piedmont CC	243.5	8.3	5.3	13.6	14.3	11.6	12.7	15.5
Pitt CC	749.0	19.6	6.2	25.8	28.4	30.6	29.4	28.3
Randolph CC	628.0	14.8	4.9	19.7	19.9	21.3	20.1	22.5
Richmond CC	374.0	10.4	5.9	16.3	17.9	18.5	20.8	23.0
Roanoke-Cho. CC	261.0	13.0	2.4	15.4	25.7	27.0	22.5	24.7
Robeson CC	529.5	9.8	7.8	17.6	17.5	20.7	17.9	19.8
Rockingham CC	451.0	11.3	4.9	16.2	18.3	16.5	18.2	14.3
Rowan-Cab. CC	715.0	12.0	8.4	20.4	19.6	19.6	22.9	21.8
Sampson CC	424.5	13.9	8.5	22.4	26.9	30.5	28.2	20.1
Sandhills CC	661.5	12.2	4.4	16.6	18.1	20.1	19.0	16.9
Southeastern CC	413.5	11.3	2.5	13.8	15.7	15.1	14.4	16.1
Southwestern CC	382.5	9.4	1.9	11.3	10.6	12.9	12.9	13.0
Stanly CC	405.0	11.3	6.3	17.6	19.1	23.1	23.9	22.4
Surry CC	688.0	21.4	7.3	28.7	29.6	29.7	28.4	28.3
Tri-County CC	382.5	8.6	7.3	15.9	20.9	21.7	20.9	19.7
Vance-Granv. CC	591.5	13.7	8.2	21.9	23.8	22.6	22.0	20.2
Wake TCC	1,017.0	16.1	5.0	21.1	21.0	23.7	23.3	24.0
Wayne CC	857.5	14.9	3.7	18.6	20.1	21.3	21.6	20.6
W. Piedmont CC	539.0	14.4	7.2	21.6	20.8	24.5	24.3	20.0
Wilkes CC	538.5	18.7	4.7	23.4	23.0	21.0	20.0	22.5
Wilson Co. TC	592.0	15.3	6.6	21.9	24.1	25.4	20.3	21.9
TOTAL	37,229.0	13.9	5.7	19.6	20.9	20.9	20.9	21.4

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

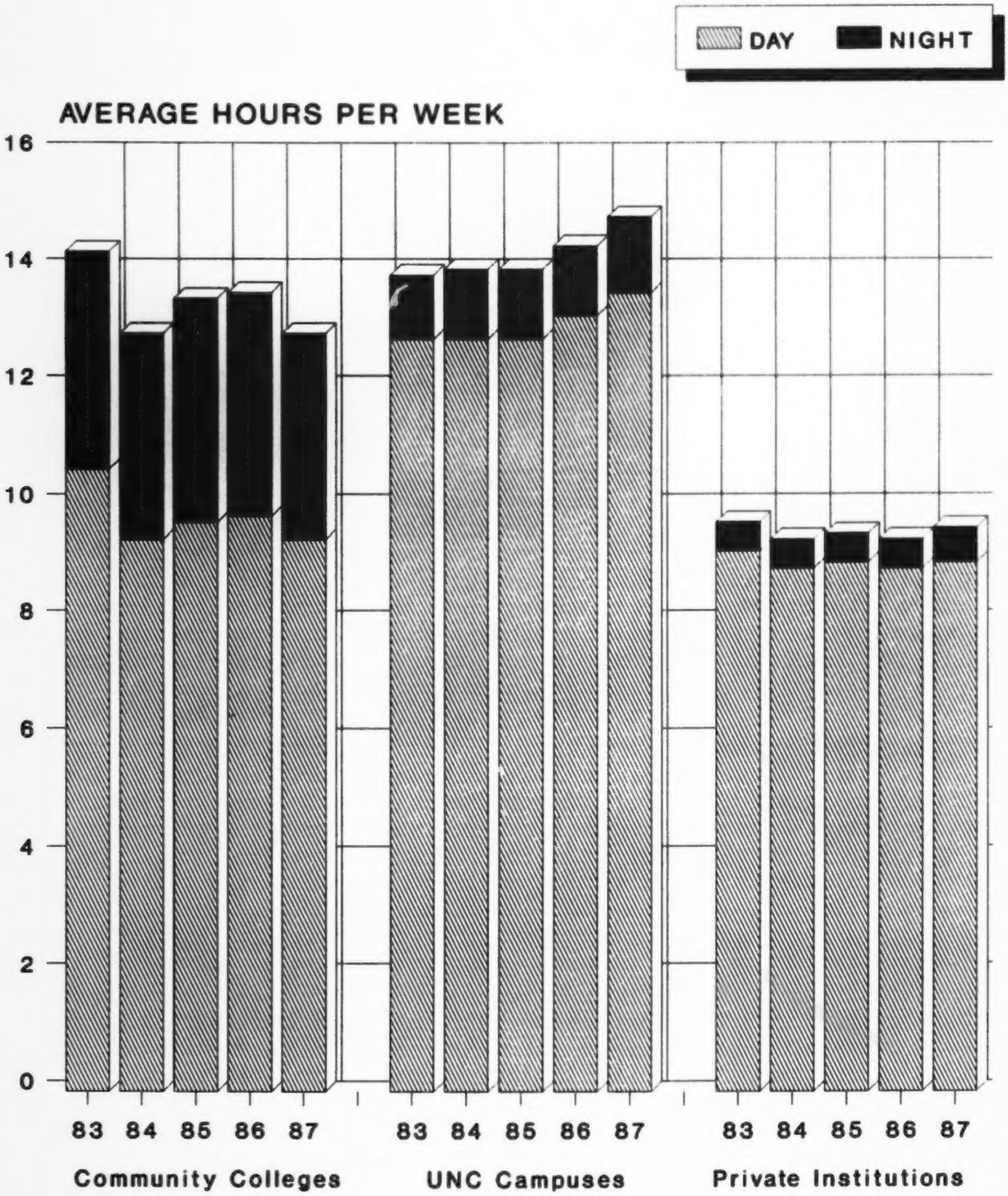
Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Major Research Universities:								
NC State	14,014	17.0	1.2	18.2	19.0	18.6	18.7	18.0
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,444	16.0	0.5	16.5	15.9	15.6	15.6	15.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,458	16.5	0.9	17.4	17.5	17.1	17.2	16.8
Other Doctoral Universities:								
UNC-Greensboro	6,947	13.3	1.6	14.9	13.3	12.8	12.5	11.9
Comprehensive Universities:								
Appalachian	7,273	17.7	0.6	18.3	17.1	16.6	16.4	16.6
East Carolina	8,514	15.4	2.0	17.4	16.6	15.5	15.4	15.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	2,169	9.8	1.6	11.4	12.5	12.5	-	-
NC A & T	7,627	7.9	0.9	8.8	8.5	9.3	8.7	8.4
NC Central	6,237	6.6	1.3	7.9	7.0	7.3	8.0	9.5
UNC-Charlotte	6,455	16.1	2.4	18.5	17.7	17.0	17.8	17.8
UNC-Wilmington	3,514	20.2	1.7	21.9	19.7	19.1	-	-
West'n Carolina	4,933	11.0	0.8	11.8	11.7	11.8	12.8	12.2
SUBTOTAL	46,722	13.1	1.4	14.5	13.8	13.6	13.3	13.5
Gen. Baccalaureate Universities:								
Elizabeth City	1,707	9.7	1.3	11.0	11.9	9.1	7.9	7.6
Fayetteville	-	-	-	-	-	-	11.1	13.0
Pembroke	2,904	7.3	0.9	8.2	7.8	7.3	7.2	7.0
UNC-Asheville	1,626	14.3	4.0	18.3	19.7	14.7	17.7	14.6
UNC-Wilmington	-	-	-	-	-	-	18.5	17.9
Winston-Salem	3,650	6.4	1.1	7.5	7.5	6.8	6.8	7.5
SUBTOTAL	9,887	8.5	1.5	10.0	10.2	8.7	11.2	11.1

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Specialized Institution:								
NC Sch. of Arts	719	7.3	0.1	7.4	8.7	6.7	9.7	8.2
Community Colleges:								
SUBTOTAL	66,716	9.4	3.5	12.9	13.6	13.5	12.9	14.3
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,793	10.8	0.3	11.1	10.9	10.4	10.4	10.4
Gen. Baccalaureate Colleges:								
SUBTOTAL	42,192	8.4	0.8	9.2	9.0	9.2	9.1	9.5
Junior Colleges:								
SUBTOTAL	5,729	9.2	0.3	9.5	9.0	9.6	9.5	10.1
GRAND TOTAL	220,163	11.0	1.8	12.8	12.8	12.5	12.3	12.9

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Alamance CC	1,193	9.2	5.2	14.4	15.3	14.5	15.5	16.9
Anson CC	346	5.6	1.6	7.2	7.5	10.9	3.9	5.1
Ashev'le-Bun. TCC	2,359	7.7	3.0	10.7	12.8	11.1	10.7	13.4
Beaufort Co. CC	915	6.5	2.7	9.2	9.0	9.8	7.5	8.5
Bladen CC	281	6.7	1.2	7.9	12.6	12.0	12.4	13.0
Blue Ridge CC	598	9.1	5.9	15.0	14.8	15.0	14.0	13.9
Brunswick CC	435	8.7	3.0	11.7	11.8	12.9	13.4	13.0
Caldwell CC & TI	887	10.2	4.0	14.2	15.7	15.3	15.7	15.4
Cape Fear CC	566	20.3	7.4	27.7	27.1	27.6	22.7	26.1
Carteret CC	723	11.0	5.0	16.0	12.2	13.1	12.8	13.1
Catawba Vy. CC	1,329	8.0	5.5	13.5	13.7	14.2	12.6	16.1
C. Carolina CC	1,018	12.3	3.9	16.2	19.1	19.9	19.8	22.8
C. Piedmont CC	5,138	15.1	4.9	20.0	22.3	17.7	17.1	18.6
Cleveland CC	1,063	3.6	2.9	6.5	8.3	9.2	8.7	9.1
Coastal Car. CC	1,318	15.4	6.2	21.6	25.3	25.6	22.5	22.2
Col. Albemarle	961	7.2	2.7	9.9	9.5	9.8	9.4	13.3
Craven CC	1,072	12.5	3.1	15.6	13.2	14.5	13.3	10.9
Davidson Co. CC	1,581	6.7	1.8	8.5	12.1	12.5	11.3	12.8
Durham TCC	1,379	12.1	6.0	18.1	16.0	14.9	18.0	18.6
Edgecombe CC	990	2.4	1.6	4.0	8.9	7.0	7.6	10.2
Fayettev'le TCC	2,907	12.1	3.6	15.7	17.8	17.1	17.0	20.8
Forsyth TCC	2,653	7.4	3.6	11.0	12.5	13.1	17.0	19.8
Gaston Col.	2,075	8.0	2.6	10.6	10.8	12.0	9.7	10.2
Guilford TCC	3,435	9.8	4.0	13.8	14.5	12.9	11.7	14.4
Halifax CC	638	6.3	2.2	8.5	11.5	14.1	15.7	15.4
Haywood CC	823	7.8	2.0	9.8	10.1	12.5	9.6	13.5
Isothermal CC	1,303	7.1	3.0	10.1	8.2	10.5	9.0	9.5
J. Sprunt CC	560	7.3	1.9	9.2	8.5	9.0	9.9	10.1
Johnston CC	996	11.9	3.9	15.8	12.1	10.2	11.3	13.0
Lenoir CC	1,457	9.1	1.9	11.0	10.4	11.3	10.9	12.3

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Martin CC	761	5.4	1.3	6.7	5.8	5.3	6.1	7.6
Mayland CC	317	7.8	3.1	10.9	12.1	13.0	13.2	14.8
McDowell CC	636	2.2	2.7	4.9	6.9	7.3	7.5	6.2
Mitchell CC	1,685	5.2	1.9	7.1	10.0	9.1	10.0	10.7
Montgomery CC	212	7.6	5.0	12.6	14.3	8.9	11.3	12.7
Nash CC	1,154	5.3	3.4	8.7	7.6	15.0	12.2	12.2
Pamlico CC	190	4.4	2.7	7.1	6.9	7.1	5.4	5.4
Piedmont CC	420	6.6	3.8	10.4	10.1	8.0	10.3	11.2
Pitt CC	1,285	14.5	4.4	18.9	15.4	15.4	14.3	17.6
Randolph CC	674	10.6	4.7	15.3	14.2	18.5	18.3	17.8
Richmond CC	755	7.3	3.8	11.1	12.6	12.5	12.6	12.6
Roanoke-Cho. CC	737	7.3	1.0	8.3	9.5	10.5	10.3	8.9
Robeson CC	1,081	6.9	2.9	9.8	12.3	11.6	12.4	11.4
Rockingham CC	1,137	9.5	3.5	13.0	13.5	12.9	10.9	12.6
Rowan-Cab. CC	1,726	5.8	4.6	10.4	11.8	11.2	9.8	12.3
Sampson CC	771	7.5	3.5	11.0	15.3	13.3	15.6	14.6
Sandhills CC	1,282	10.9	2.6	13.5	14.9	13.6	13.7	15.4
Southeastern CC	1,081	9.4	1.2	10.6	10.3	10.6	9.3	9.3
Southwestern CC	906	6.4	1.5	7.9	8.6	12.0	8.8	15.1
Stanly CC	937	5.7	2.2	7.9	11.9	11.5	10.8	11.5
Surry CC	845	12.9	4.1	17.0	16.9	16.0	16.1	15.7
Tri-County CC	595	6.4	4.0	10.4	11.5	10.0	7.8	9.4
Vance-Granv. CC	914	8.7	3.6	12.3	10.6	11.9	10.2	11.6
Wake TCC	1,748	15.3	3.9	19.2	19.0	17.7	16.2	18.0
Wayne CC	1,470	9.2	2.7	11.9	11.1	13.2	12.4	15.0
W. Piedmont CC	671	11.9	4.7	16.6	15.0	15.7	11.9	12.1
Wilkes CC	1,116	10.0	2.3	12.3	11.9	12.9	12.7	13.6
Wilson Co. TC	611	7.8	3.4	11.2	10.7	12.7	11.4	13.7
TOTAL	66,716	9.4	3.5	12.9	13.6	13.5	12.9	14.3

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

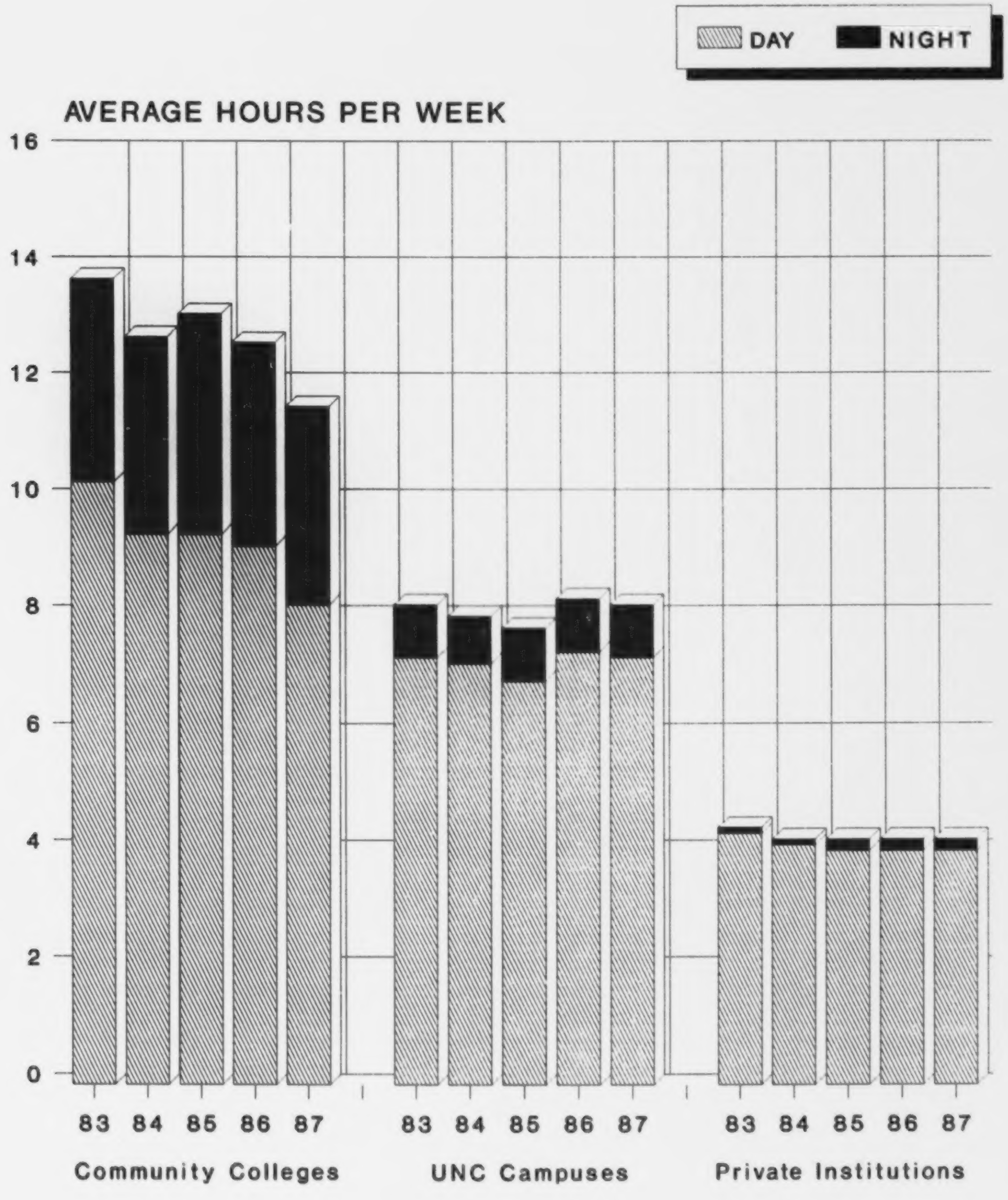


Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Major Research Universities:								
NC State	4,738	8.6	0.8	9.4	10.6	9.8	10.5	9.8
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,140	9.7	1.8	11.5	12.1	10.3	11.4	9.9
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	6,878	8.9	1.1	10.0	11.0	10.0	10.8	9.9
Other Doctoral Universities:								
UNC-Greensboro	1,810	8.3	0.6	8.9	5.2	5.7	5.2	4.5
Comprehensive Universities:								
Appalachian	1,734	7.7	0.6	8.3	10.0	6.8	7.6	9.9
East Carolina	3,054	9.5	0.9	10.4	10.0	10.3	10.7	10.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,234	4.7	1.1	5.8	6.8	6.7	-	-
NC A & T	3,182	3.1	0.5	3.6	4.1	4.3	3.9	4.5
NC Central	1,378	3.8	0.3	4.1	3.7	4.0	4.2	5.2
UNC-Charlotte	2,052	11.9	1.9	13.8	12.9	11.9	12.4	13.5
UNC-Wilmington	912	10.6	1.2	11.8	10.6	10.3	-	-
West'n Carolina	1,595	4.6	0.3	4.9	5.6	5.7	5.8	5.8
SUBTOTAL	15,141	6.9	0.9	7.8	7.8	7.4	7.5	8.2
Gen. Baccalaureate Universities:								
Elizabeth City	688	4.8	0.9	5.7	5.5	3.9	4.9	5.1
Fayetteville	-	-	-	-	-	-	6.3	6.3
Pembroke	731	5.6	0.6	6.2	6.0	5.9	4.8	4.4
UNC-Asheville	589	3.8	1.0	4.8	9.1	8.9	10.2	7.9
UNC-Wilmington	-	-	-	-	-	-	10.1	10.6
Winston-Salem	639	3.8	0.4	4.2	4.5	4.7	3.8	5.4
SUBTOTAL	2,647	4.5	0.7	5.2	6.0	5.4	6.5	6.6

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours 1987	1986	1985	1984	1983
Specialized Institution:								
NC Sch. of Arts	1,200	8.2	0.6	8.8	7.9	10.1	9.8	11.3
Community Colleges:								
SUBTOTAL	44,780	8.2	3.4	11.6	12.7	13.2	12.8	13.8
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,197	5.2	0.1	5.3	6.9	6.1	5.8	5.7
Gen. Baccalaureate Colleges:								
SUBTOTAL	13,010	3.6	0.3	3.9	3.6	3.7	3.8	4.0
Junior Colleges:								
SUBTOTAL	2,351	5.0	0.1	5.1	4.6	4.9	4.7	5.3
GRAND TOTAL	90,014	7.1	2.0	9.1	9.6	9.7	9.5	10.1

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Alamance CC	881	8.7	3.9	12.6	14.6	15.0	14.5	16.9
Anson CC	351	4.8	3.6	8.4	10.1	9.7	8.0	10.3
Ashev'le-Bun. TCC	1,094	8.4	3.6	12.0	15.6	15.1	13.6	16.8
Beaufort Co. CC	587	5.6	2.2	7.8	8.8	9.6	7.5	9.4
Bladen CC	482	6.3	3.1	9.4	11.2	12.4	8.5	7.6
Blue Ridge CC	514	7.3	4.4	11.7	13.8	14.4	13.0	10.7
Brunswick CC	343	6.1	2.9	9.0	12.2	12.1	10.4	13.4
Caldwell CC & TI	628	8.8	5.0	13.8	16.0	17.6	16.6	19.8
Cape Fear CC	777	14.6	5.6	20.2	23.5	20.0	17.8	22.0
Carteret CC	663	9.3	3.8	13.1	12.2	10.3	10.1	11.9
Catawba Vy. CC	907	7.9	5.0	12.9	12.7	13.3	10.7	13.2
C. Carolina CC	857	9.0	2.6	11.6	14.6	14.6	14.9	14.9
C. Piedmont CC	2,722	13.6	4.8	18.4	19.6	17.7	18.8	22.4
Cleveland CC	1,032	3.5	3.4	6.9	6.3	7.5	7.8	8.2
Coastal Car. CC	823	10.1	3.3	13.4	15.5	15.3	13.7	14.3
Col. Albemarle	749	5.4	2.2	7.6	8.1	9.7	8.3	10.6
Craven CC	718	13.2	3.5	16.7	17.6	15.7	16.1	15.7
Davidson Co. CC	833	4.8	2.5	7.3	10.2	10.4	10.4	11.0
Durham TCC	931	10.0	5.3	15.3	15.4	15.7	13.2	12.9
Edgecombe CC	664	2.4	1.2	3.6	6.6	7.5	5.5	8.6
Fayettev'le TCC	1,264	9.7	1.9	11.6	12.8	13.8	14.9	18.2
Forsyth TCC	1,369	7.8	4.3	12.1	12.3	13.1	15.7	18.0
Gaston Col.	1,235	5.6	2.2	7.8	7.0	10.8	9.6	7.0
Guilford TCC	2,030	10.7	4.6	15.3	15.7	14.6	13.6	15.4
Halifax CC	636	4.8	1.5	6.3	7.7	10.5	9.3	12.3
Haywood CC	1,270	10.8	2.1	12.9	13.4	15.3	13.2	14.3
Isothermal CC	749	8.2	3.4	11.6	12.9	13.1	14.5	12.4
J. Sprunt CC	462	6.0	2.6	8.6	9.0	11.7	11.0	16.0
Johnston CC	765	6.8	2.4	9.2	9.7	11.3	11.2	13.9
Lenoir CC	987	8.3	2.5	10.8	9.5	9.8	13.6	15.5

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1987	1986	1985	1984	1983
Community Colleges:								
Martin CC	522	7.0	1.6	8.6	7.5	8.5	8.2	6.3
Mayland CC	251	8.6	3.8	12.4	11.7	11.1	13.2	11.0
McDowell CC	498	6.3	5.1	11.4	12.6	12.1	12.9	13.8
Mitchell CC	808	4.5	3.8	8.3	10.7	8.8	10.4	12.6
Montgomery CC	348	7.8	4.5	12.3	14.0	10.1	11.5	12.2
Nash CC	388	9.3	5.5	14.8	12.4	17.6	11.1	11.2
Pamlico CC	121	6.9	2.3	9.2	11.8	9.0	8.5	10.4
Piedmont CC	386	5.3	3.0	8.3	8.6	7.4	6.3	8.1
Pitt CC	712	11.5	3.5	15.0	15.2	16.0	16.4	15.3
Randolph CC	688	11.0	2.7	13.7	15.2	16.9	15.4	16.3
Richmond CC	497	7.1	3.5	10.6	11.6	14.6	13.0	15.0
Roanoke-Cho. CC	454	5.8	1.3	7.1	9.9	11.8	11.5	11.7
Robeson CC	835	4.4	4.1	8.5	9.2	12.7	10.0	12.0
Rockingham CC	698	7.4	2.9	10.3	10.5	11.6	12.8	11.4
Rowan-Cab. CC	913	6.4	4.7	11.1	11.0	10.8	14.7	13.2
Sampson CC	502	5.4	4.0	9.4	15.8	19.2	16.8	15.1
Sandhills CC	1,053	7.0	2.5	9.5	10.5	10.4	10.3	10.8
Southeastern CC	741	6.5	1.2	7.7	10.0	9.9	9.0	10.6
Southwestern CC	761	5.5	1.2	6.7	6.2	6.3	6.8	7.9
Stanly CC	660	5.2	2.3	7.5	8.3	11.4	11.3	10.2
Surry CC	607	12.7	4.9	17.6	18.5	18.7	17.4	16.5
Tri-County CC	478	4.0	4.3	8.3	12.1	12.8	11.8	12.3
Vance-Granv. CC	701	8.0	3.6	11.6	13.2	13.2	13.3	13.4
Wake TCC	905	11.4	3.7	15.1	16.3	18.0	19.9	20.4
Wayne CC	1,140	9.2	2.1	11.3	12.4	12.6	13.6	13.9
W. Piedmont CC	583	9.8	4.0	13.8	13.9	17.4	14.6	14.0
Wilkes CC	516	9.6	2.2	11.8	12.2	12.1	10.7	12.0
Wilson Co. TC	691	6.9	3.7	10.6	12.6	12.7	12.2	10.9
TOTAL	44,780	8.2	3.4	11.6	12.7	13.2	12.8	13.8

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

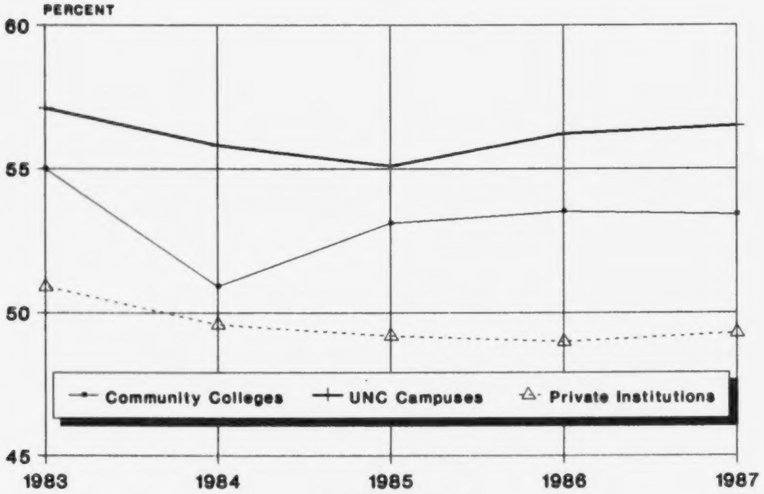
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

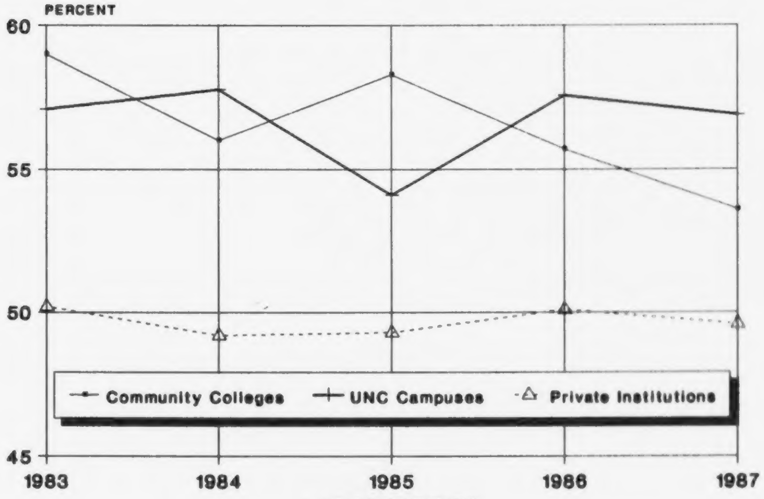
$$\text{PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)} =$$

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



CLASSROOMS



LABORATORIES

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Major Research Universities:										
NC State	55.8	58.6	57.5	59.6	58.8	69.5	71.6	68.4	71.8	68.7
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	60.7	59.4	57.9	58.8	58.8	58.7	62.0	55.8	62.6	56.8
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	57.9	59.0	57.7	59.2	58.8	65.3	68.0	63.7	68.4	63.8
Other Doctoral Universities:										
UNC-Greensboro	58.1	59.1	57.3	54.7	55.2	51.2	46.3	40.8	47.6	41.5
Comprehensive Universities:										
Appalachian	57.9	56.1	53.4	53.8	56.7	54.8	55.4	45.0	52.8	60.7
East Carolin	59.4	58.5	57.0	58.5	59.7	61.3	62.6	58.0	63.2	65.1
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	44.1	49.0	52.1	-	-	46.9	55.2	48.2	-	-
NC A & T	57.6	50.5	56.8	52.3	51.0	40.8	39.0	42.8	40.5	46.7
NC Central	51.5	48.9	47.3	46.6	53.5	58.8	46.4	53.1	49.3	55.4
UNC-Charlotte	58.0	58.6	55.9	56.4	56.4	65.1	70.2	70.1	67.0	68.9
UNC-Wilmington	60.9	59.1	55.5	-	-	62.4	59.2	57.9	-	-
West'n Carolina	52.9	51.5	51.5	53.9	54.2	40.0	38.9	37.5	40.2	40.0
SUBTOTAL	56.9	55.4	54.4	54.5	56.0	55.5	55.0	52.3	54.5	58.1
Gen. Baccalaureate Universities:										
Elizabeth City	48.2	46.2	45.2	42.5	42.1	44.8	40.9	36.6	44.4	44.3
Fayetteville	-	-	-	48.4	54.4	-	-	-	48.0	45.0
Pembroke	53.6	51.0	48.8	49.6	48.0	50.3	58.0	58.0	56.5	46.4
UNC-Asheville	45.0	48.7	47.2	63.0	53.1	46.5	64.1	58.1	72.3	52.3
UNC-Wilmington	-	-	-	56.1	55.7	-	-	-	56.7	60.1
Winston-Salem	44.3	45.6	48.0	46.7	45.5	40.8	48.3	51.3	47.8	61.9
SUBTOTAL	47.2	47.7	47.4	52.1	51.0	45.9	51.1	50.0	52.7	50.9

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Specialized Institution:										
NC Sch. of Arts	53.8	53.3	47.3	63.6	62.0	53.8	51.7	50.7	47.5	55.7
Community Colleges:										
SUBTOTAL	53.4	53.5	53.1	50.9	55.0	53.6	55.7	58.3	56.0	59.0
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	50.0	51.4	52.1	52.0	53.4	66.6	71.3	72.9	78.3	74.4
Gen. Baccalaureate Colleges:										
SUBTOTAL	48.0	47.3	47.0	47.7	49.1	46.1	45.5	45.2	44.6	45.9
Junior Colleges:										
SUBTOTAL	58.7	56.3	57.4	57.6	57.2	53.1	50.5	49.4	50.3	51.3
GRAND TOTAL	53.9	53.7	53.1	52.9	54.6	54.1	55.6	56.3	55.6	57.6

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Community Colleges:										
Alamance CC	44.9	46.4	49.2	49.3	56.5	47.1	50.6	57.8	57.2	65.8
Anson CC	49.7	47.6	48.9	20.4	37.0	39.6	40.1	41.1	34.7	39.2
Ashev'le-Bun. TCC	54.5	60.4	58.0	56.7	56.1	61.7	70.0	71.8	69.0	73.3
Beaufort Co. CC	44.5	47.4	44.7	39.8	51.3	44.0	49.2	58.5	47.4	56.4
Bladen CC	66.1	72.6	56.4	58.8	57.6	54.2	64.9	67.2	53.5	60.2
Blue Ridge CC	55.5	55.8	58.6	56.2	57.2	43.2	50.6	48.9	52.2	48.8
Brunswick CC	52.9	54.6	51.6	53.2	65.4	50.9	79.8	67.4	63.0	65.3
Caldwell CC & TI	56.8	54.0	58.0	58.0	57.6	60.7	57.5	62.2	58.7	71.3
Cape Fear CC	79.5	80.1	78.1	69.6	80.0	77.3	78.5	81.0	70.7	80.9
Carteret CC	59.3	57.8	56.1	55.5	58.7	62.5	56.2	56.8	49.0	56.7
Catawba Vy. CC	66.9	61.9	63.8	55.3	64.2	61.3	61.4	59.6	49.6	59.9
C. Carolina CC	55.5	57.2	58.5	54.9	55.1	55.9	53.1	60.0	56.4	57.1
C. Piedmont CC	58.2	55.5	54.8	51.1	57.4	44.6	45.9	57.7	52.4	57.5
Cleveland CC	39.6	45.3	48.7	44.1	45.9	51.6	46.9	46.1	52.4	46.8
Coastal Car. CC	63.3	66.6	71.9	69.8	69.4	60.1	64.6	67.7	73.1	68.1
Col. Albemarle	44.0	43.2	43.8	40.4	50.5	53.9	48.3	52.4	51.2	61.0
Craven CC	53.5	45.1	47.5	46.8	46.1	53.6	60.4	54.7	55.0	54.7
Davidson Co. CC	47.9	46.8	52.0	52.4	55.2	47.0	52.1	54.7	53.7	53.2
Durham TCC	56.8	53.1	58.2	53.8	56.8	64.9	67.3	76.4	61.2	67.3
Edgecombe CC	43.6	41.4	40.9	41.5	44.9	36.7	37.8	45.9	38.8	48.0
Fayettev'le TCC	50.8	54.6	48.3	50.7	55.2	54.6	60.4	56.9	59.2	68.1
Forsyth TCC	57.2	58.0	61.6	60.7	65.0	66.0	70.3	68.3	61.9	69.9
Gaston Col.	53.1	55.0	57.1	51.8	58.5	51.7	64.2	72.5	66.6	55.9
Guilford TCC	56.3	61.7	56.1	48.6	52.3	69.1	75.5	72.6	60.2	49.5
Halifax CC	45.2	49.3	49.0	49.4	47.5	36.0	39.1	46.3	38.7	51.8
Haywood CC	49.0	47.1	45.9	44.5	51.7	60.2	61.4	59.1	57.7	67.0
Isothermal CC	39.4	42.4	43.9	36.1	47.6	44.0	49.9	48.2	45.8	44.7
J. Sprunt CC	39.5	48.2	48.3	48.5	46.5	37.9	45.4	48.7	43.3	70.6
Johnston CC	52.8	53.6	48.4	44.1	49.7	54.7	47.8	54.1	51.7	56.6
Lenoir CC	58.2	55.1	53.0	53.2	57.6	55.8	47.4	50.6	61.0	62.5

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Community Colleges:										
Martin CC	42.3	44.7	37.4	41.1	47.3	49.8	42.1	47.3	46.0	37.7
Mayland CC	36.8	38.8	39.4	40.7	45.3	40.4	41.7	37.6	47.1	37.9
McDowell CC	40.6	49.5	39.3	46.2	44.7	42.4	46.2	47.9	50.6	52.6
Mitchell CC	54.7	52.1	48.7	46.9	47.9	49.9	53.0	55.2	54.7	58.2
Montgomery CC	61.7	56.5	36.2	49.5	62.9	58.4	55.9	45.9	45.2	57.3
Nash CC	49.2	45.7	50.9	50.7	53.9	60.0	66.7	70.7	59.6	65.2
Pamlico CC	44.5	45.6	43.2	34.4	39.9	48.0	54.1	54.9	42.8	42.5
Piedmont CC	61.4	51.8	45.4	46.0	51.7	51.3	55.0	56.3	49.2	51.5
Pitt CC	53.7	53.4	51.1	49.5	52.7	53.8	51.5	51.9	55.0	54.5
Randolph CC	71.6	70.3	70.4	73.6	70.6	67.4	72.7	76.9	74.8	73.3
Richmond CC	55.7	61.5	50.6	50.3	47.6	57.3	59.2	72.3	58.6	63.1
Roanoke-Cho. CC	50.6	45.0	55.3	55.4	59.6	49.3	38.7	42.1	51.2	44.2
Robeson CC	49.4	51.3	53.8	55.6	57.7	44.4	49.0	58.9	53.7	58.0
Rockingham CC	51.2	56.0	54.3	51.8	54.1	53.7	45.3	53.0	55.4	64.2
Rowan-Cab. CC	4[illegible].9	47.6	47.0	46.1	52.6	53.8	55.9	55.5	65.8	60.1
Sampson CC	43.4	42.3	44.3	51.0	61.8	43.4	56.1	57.3	55.9	67.0
Sandhills CC	52.4	50.3	51.7	50.6	56.8	52.3	51.6	48.3	47.6	56.5
Southeastern CC	60.6	58.8	52.3	44.2	44.3	53.6	59.5	62.5	56.8	59.7
Southwestern CC	43.9	41.2	50.1	36.6	45.5	58.0	55.3	46.0	49.7	56.3
Stanly CC	44.8	54.5	44.9	58.7	47.5	38.2	38.2	42.3	43.8	40.4
Surry CC	62.7	61.8	64.4	67.1	68.2	63.3	64.1	65.5	63.1	60.6
Tri-County CC	46.4	44.4	53.0	41.8	45.5	48.7	52.9	53.0	51.4	55.8
Vance-Granv. CC	48.6	44.8	45.3	43.5	49.6	51.2	53.1	55.0	56.1	61.7
Wake TCC	57.7	55.4	58.1	58.9	63.0	67.0	69.0	71.1	80.8	79.1
Wayne CC	47.9	48.2	48.6	51.7	54.3	53.2	54.3	53.1	57.0	60.2
W. Piedmont CC	57.0	48.7	55.9	44.4	50.9	57.6	58.0	60.5	52.8	60.0
Wilkes CC	47.3	49.1	45.6	49.5	51.1	45.2	53.4	53.4	45.5	45.9
Wilson Co. TC	58.8	53.5	50.1	45.9	51.0	43.9	46.7	45.7	58.0	44.1
TOTAL	53.4	53.5	53.1	50.9	55.0	53.6	55.7	58.3	56.0	59.0

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is presented on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Technical/Community Colleges	18
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
ALL NORTH CAROLINA INSTITUTIONS	16

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Table 8

Student Clock Hours of Instruction

INSTITUTION	1987			1986			1985		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Major Research Universities:									
NC State	254,551.5	44,663.0	14,683.0	266,878.5	48,157.0	14,027.5	266,204.5	44,614.5	9,610.5
NC State Vet	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	221,973.0	24,471.0	15,318.5	217,802.0	24,992.5	12,476.5	215,828.5	21,412.5	14,462.0
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	476,524.5	69,134.0	30,001.5	484,680.5	73,149.5	26,504.0	482,033.0	66,027.0	24,072.5
Other Doctoral Universities:									
UNC-Greensboro	103,588.5	16,098.0	9,259.5	99,068.5	10,936.5	9,695.5	98,673.0	13,140.5	10,267.0
Comprehensive Universities:									
Appalachian	133,222.0	14,386.0	9,995.5	125.630.5	17,016.5	5,356.5	119,445.5	11,819.5	5,631.5
East Carolina	148,281.5	31,909.5	7,408.0	141,709.0	30,244.0	7,544.5	138,568.5	30,478.5	6,571.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	24,703.5	7,238.5	1,995.0	27,840.5	8,406.5	1,885.5	28,607.0	8,220.0	1,503.0
NC A & T	67,706.0	11,630.5	9,075.0	60,960.0	13,742.0	6,214.5	65,554.0	15,157.0	6,774.0
NC Central	48,984.0	5,766.0	4,479.5	45,871.5	5,013.5	5,452.0	47,453.0	5,454.0	3,897.0
UNC-Charlotte	119,495.5	28,313.5	7,034.0	116,543.5	25,511.0	7,341.5	110,194.5	22,268.5	6,603.0
UNC-Wilmington	76,987.0	10,776.5	4,163.5	68,864.0	10.226.0	3,790.5	66,044.0	9,291.0	4,289.5
West'n Carolina	58,272.0	7,918.5	12,441.0	58,407.5	8,468.5	11,225.5	57,788.5	8,965.0	13,204.0
SUBTOTAL	677,651.5	117,939.0	56,592.0	645,826.5	118,628.0	48,810.5	633,655.0	111,653.5	48,473.5
Gen. Baccalaureate Universities:									
Elizabeth City	18,788.5	3,916.0	3,238.5	22,049.5	4,429.0	3,214.0	19,468.5	3,242.0	3,818.5
Pembroke	23,993.0	4,554.5	3,147.0	23,125.0	4,343.5	2,783.5	21,517.0	4,275.5	2,008.0
UNC-Asheville	29,735.5	2,807.5	2,905.5	27,336.0	3,756.0	2,971.5	26,283.5	3,815.5	3,339.0
Winston-Salem	27,082.0	2,664.0	3,481.5	27,446.0	3,012.0	4,503.0	26,365.0	2,752.0	3,309.0
SUBTOTAL	99,599.0	13,942.0	12,772.5	99,956.5	15,540.5	13,472.0	93,634.0	14,086.0	12,474.5
Specialized Institution:									
NC Sch. of Arts	5,312.0	10,523.0	4,110.0	5,754.0	9,636.0	5,875.5	4,759.0	12,838.0	2,229.5
Community Colleges:									
SUBTOTAL	859,374.5	519,963.0	102,454.5	851,678.5	551,807.5	97,868.5	850,826.0	562,395.5	103,922.0
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	152,533.5	11,679.5	16,449.0	150,505.0	15,883.0	12,178.0	147,761.0	13,692.5	10,908.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	388,288.5	50,430.0	38,155.0	379,806.0	47,695.5	40,519.0	372,710.5	49,066.5	46,057.5
Junior Colleges:									
SUBTOTAL	54,144.5	11,983.0	6,203.5	52,177.0	10,880.0	5,603.5	59,224.0	12,951.0	6,515.5
GRAND TOTAL	2,817,016.5	821,691.5	275,997.5	2,769,452.5	854,156.5	260,526.5	2,743,275.5	865,849.5	264,920.5

Table 8

Student Clock Hours of Instruction

INSTITUTION	1987			1986			1985		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	17,241.0	11,046.5	2,084.0	18,397.0	12,740.0	1,944.5	18,940.0	11,481.5	2,229.5
Anson CC	2,483.0	2,949.5	535.0	2,042.5	3,025.0	325.0	2,205.0	2,707.0	403.0
Ashev'le-Bun. TCC	25,302.5	13,106.5	1,347.0	25,275.5	14,446.0	2,190.0	22,235.0	13,486.0	4,044.0
Beaufort Co. CC	8,450.0	4,601.0	66.0	8,279.0	4,967.0	225.0	9,160.0	4,866.5	75.0
Bladen CC	2,199.0	4,528.0	54.5	3,368.0	5.551.5	24.0	2,834.0	5,341.0	-
Blue Ridge CC	8,982.5	6,010.5	173.0	9,163.5	6,843.5	140.0	9,332.5	7,194.5	193.0
Brunswick CC	5,081.0	3,102.0	268.0	5,333.5	4,210.0	209.0	5,415.0	3,949.5	235.5
Caldwell CC & TI	12,569.5	8,643.5	1,242.0	11,661.5	9,939.0	1,700.0	11,101.0	11,037.5	2,332.5
Cape Fear CC	15,654.0	15,655.0	2,359.0	14,046.0	17,854.0	3,010.0	15,121.0	16,478.0	3,160.0
Carteret CC	11,528.0	8,654.0	126.0	11,804.5	6,336.0	336.0	12,460.5	5,644.0	5.0
Catawba Vy. CC	17,977.5	11,696.5	1,706.0	17,378.5	12,893.5	1,228.0	18,568.5	13,072.0	1,808.0
C. Carolina CC	16,459.0	9,982.0	2,358.5	14,543.5	10,224.5	2,064.0	15,376.5	9,843.5	1,917.5
C. Piedmont CC	102,759.0	50,048.0	12,344.5	96,267.0	52,192.5	18,657.5	92,137.0	47,592.0	8,370.0
Cleveland CC	6,892.5	7,124.0	256.0	8,627.0	6,491.5	320.0	9,649.0	7,645.5	4,961.0
Coastal Car. CC	28,529.0	10,968.0	1,778.0	26,993.0	12,735.5	3,010.0	28,310.0	12,287.0	3,069.0
Col. Albemarle	9,437.5	5,674.5	4,305.0	9,256.0	6,102.5	5,553.5	9,430.0	7,502.0	3,418.0
Craven CC	16,816.0	12,039.0	4,015.0	14,117.0	12,643.5	2,419.0	14,958.0	10,858.5	1,307.0
Davidson CC	13,509.0	6,112.0	1,557.0	18,936.0	8,197.5	1,951.0	20,503.5	7,618.0	2,207.0
Durham TCC	24,976.0	14,238.0	2,927.5	21,415.5	14,148.5	1,625.0	19,292.5	14,626.5	2,817.5
Edgecombe CC	3,960.5	2,416.0	5,511.0	7,157.5	3,557.0	477.5	6,694.5	4,054.5	346.5
Fayettev'le TCC	45,830.0	14,656.0	1,557.0	50,854.0	15,960.0	1,580.0	48,131.0	16,863.0	1,917.0
Forsyth TCC	29,189.0	16,566.0	1,623.0	32,234.0	16,524.0	1,171.0	32.914.0	17,319.0	1,929.5
Gaston Col.	21,840.0	9,647.5	3,433.0	21,780.5	8,786.0	1,369.5	24,493.5	12,860.0	2,338.0
Guilford TCC	47,355.5	31,125.5	2,860.5	49,276.0	31,519.0	4,197.0	45,269.5	28,511.5	4,721.0
Halifax CC	5,430.5	4,005.5	2,772.0	8,107.0	4,902.0	1,718.0	7,563.5	4,734.5	2,346.0
Haywood CC	8,066.0	16,402.5	975.0	9,171.5	17,257.0	654.0	8,938.5	17,938.5	1,045.0
Isothermal CC	13,125.5	8,678.5	3,918.0	10,730.5	9,691.5	4,694.5	11,158.5	9,696.0	4,541.5
J. Sprunt CC	5,150.5	3,985.5	84.0	4,746.0	4,122.0	498.5	4,996.0	5,407.5	174.0
Johnston CC	15,783.0	7,071.5	400.0	15,717.0	7,005.5	589.0	13,048.5	8,155.5	645.0
Lenoir CC	16,044.0	10,689.5	2,526.5	14,986.0	9,253.0	417.0	16,294.0	9,349.5	3,018.0
Martin CC	5,062.0	4,483.5	2,077.5	4,160.5	4,053.0	1,531.5	3,558.0	5,580.5	1,166.0
Mayland CC	3,467.5	3,118.0	679.0	4,028.5	3,183.0	475.0	4,322.0	3,225.0	644.0
McDowell CC	3,146.0	5,668.5	203.5	3,153.5	6,477.0	712.0	3,319.5	6,100.5	244.0
Mitchell CC	11,928.5	6,745.5	2,067.0	12,519.5	8,025.0	658.0	11,635.5	6,570.5	743.0
Montgomery CC	2,676.0	4,286.0	416.0	2,458.0	4,408.0	471.0	1,684.0	3,723.5	1,274.0
Nash CC	9,998.0	5,737.5	0.0	9,170.0	5,974.0	1,488.0	9,721.0	8,878.0	140.0
Pamlico CC	1,347.0	1,110.0	0.0	1,302.0	1,421.0	24.0	1,353.0	1,091.0	35.0
Piedmont CC	4,337.0	3,177.0	532.0	4,768.0	3,915.0	419.0	3,771.0	3,399.5	1,352.0
Pitt CC	24,295.0	10,650.0	3,391.0	20,043.5	12,049.0	1,166.0	20,156.0	12,724.0	1,520.5
Randolph CC	10,318.5	9,465.0	1,099.0	9,682.0	10,439.5	1,204.5	9,036.0	11,446.0	1,610.0
Richmond CC	8,335.5	5,241.0	1,497.0	8,839.0	5,754.5	2,246.0	8,833.5	7,352.5	2,312.5
Roanoke-Cho. CC	6,086.0	3,200.5	925.5	4,483.5	3,376.0	1,184.0	5,347.0	4,001.5	1,561.0
Robeson CC	10,653.5	7,149.0	0.0	9,690.0	6,575.0	1,094.0	7,866.5	9,846.0	1,676.0
Rockingham CC	14,801.0	7,174.0	363.0	16,370.0	6,621.0	452.0	15,509.0	7,316.0	901.0
Rowan-Cab. CC	17,951.5	10,134.5	1,008.0	20,460.5	9,977.0	1,176.5	19,370.5	9,524.0	547.0
Sampson CC	8,498.5	4,669.5	615.5	8,346.5	6,747.5	460.0	7,236.0	8,193.5	1,398.5
Sandhills CC	17,321.5	10,019.0	2,189.5	17,565.0	9,817.0	1,871.0	17,245.0	9,931.5	1,473.5
Southeastern CC	11,493.5	5,719.5	2,301.0	12,120.5	7,393.5	2,261.0	12,496.0	7,322.5	2,707.0
Southwestern CC	7,145.0	5,069.0	2,160.0	7,130.0	4,337.0	2,616.0	9,965.5	4,453.0	3,554.0
Stanly CC	7,406.5	4,936.0	724.0	4,843.0	4,748.5	1,144.0	6,766.0	5,078.5	994.5
Surry CC	14,288.0	10,679.0	2,490.0	14,728.0	11,782.5	2,338.0	13,593.0	12,430.0	1,883.0
Tri-County CC	6,153.5	3,994.5	1,254.0	5,283.0	4,616.0	1,174.5	4,621.0	4,892.0	846.0
Vance-Granv. CC	11,229.0	8,123.0	264.0	9,407.0	9,247.5	358.0	10,591.0	8,459.0	60.0
Wake TCC	33,558.5	13,639.0	3,433.0	31,431.5	14,684.0	384.0	31,197.5	15,240.0	2,862.0
Wayne CC	17,509.0	12,894.0	578.0	17,582.0	13,320.0	797.0	21,243.0	13,585.5	1,167.5
W. Piedmont CC	11,163.5	8,074.0	1,828.0	10,083.0	8,364.0	1,288.0	10,511.0	9,195.0	1,868.0
Wilkes CC	13,750.5	6,065.0	2,106.0	13,314.0	6,062.5	2,160.0	14,096.0	6,489.0	1,555.0
Wilson Co.TC	6,834.0	7,319.0	3,091.0	7,052.0	8,321.0	2,418.0	9,252.0	8,257.0	2,253.0
SUBTOTAL	869,374.5	519,963.0	102,454.5	861,678.5	561,807.5	97,868.5	850,826.0	562,395.5	103,922.0

TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.0 \text{ X } .539} = 1.43$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Table 9

Space Factors

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Major Research Universities:															
NC State	0.79	0.76	0.77	0.78	0.82	5.89	5.42	5.86	5.60	6.12	1.55	1.47	1.50	1.50	1.53
NC State Vet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.90	0.94	0.95	0.96	0.97	3.31	3.13	3.84	3.51	4.11	1.14	1.16	1.21	1.23	1.27
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.84	0.84	0.85	0.86	0.89	4.98	4.64	5.21	4.90	5.40	1.37	1.34	1.38	1.39	1.41
Other Doctoral Universities:															
UNC-Greensboro	1.12	1.26	1.33	1.41	1.51	4.27	7.33	6.87	7.21	7.66	1.54	1.87	1.98	2.02	2.08
Comprehensive Universities:															
Appalachian	1.02	1.10	1.15	1.17	1.15	3.85	3.21	4.65	4.16	3.26	1.30	1.35	1.46	1.47	1.44
East Carolina	0.95	1.00	1.06	1.07	1.07	4.14	4.35	4.15	4.01	4.02	1.52	1.59	1.62	1.63	1.63
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.46	1.32	1.32	-	-	4.51	3.89	3.97	-	-	2.15	1.92	1.91	-	-
NC A & T	1.85	1.89	1.73	1.88	1.97	9.24	7.78	7.26	8.85	7.86	2.93	2.97	2.76	3.04	3.09
NC Central	2.10	2.33	2.25	2.05	1.72	8.62	9.75	8.96	8.19	6.66	2.79	3.07	2.94	2.66	2.26
UNC-Charlotte	0.72	0.77	0.80	0.74	0.73	2.79	3.20	3.38	3.15	2.91	1.12	1.20	1.24	1.18	1.16
UNC-Wilmington	0.66	0.72	0.75	-	-	2.92	3.21	3.48	-	-	0.94	1.05	1.09	-	-
West'n Carolina	1.60	1.61	1.55	1.48	1.59	7.77	7.10	6.98	7.18	6.95	2.34	2.30	2.28	2.27	2.34
SUBTOTAL	1.14	1.19	1.22	1.26	1.25	4.66	4.63	4.86	4.99	4.56	1.66	1.73	1.76	1.83	1.80
Gen. Baccalaureate Universities:															
Elizabeth City	1.41	1.30	1.67	2.00	2.07	7.36	7.57	10.59	7.34	7.16	2.44	2.35	2.95	3.26	3.32
Fayetteville	-	-	-	1.49	1.26	-	-	-	4.13	4.24	-	-	-	2.09	1.92
Pembroke	1.95	2.05	2.21	2.25	2.34	4.30	4.51	4.58	5.51	6.18	2.32	2.44	2.60	2.72	2.85
UNC-Asheville	0.81	0.84	1.17	0.94	1.18	6.71	4.62	4.65	4.04	5.16	1.32	1.30	1.61	1.31	1.65
UNC-Wilmington	-	-	-	0.79	0.83	-	-	-	3.51	3.30	-	-	-	1.13	1.18
Winston-Salem	2.21	2.17	2.39	2.41	2.13	7.06	6.49	6.76	8.42	5.87	2.64	2.60	2.80	2.86	2.51
SUBTOTAL	1.58	1.59	1.86	1.42	1.43	6.17	5.79	6.41	4.95	4.88	2.14	2.15	2.45	1.94	1.97
Specialized Institution:															
NC Sch. of Arts	2.56	2.14	3.13	2.16	2.57	7.28	8.39	5.67	5.89	5.55	5.70	6.05	4.98	4.55	4.68
Community Colleges:															
SUBTOTAL	1.53	1.44	1.43	1.48	1.33	4.50	4.11	3.99	4.15	3.89	2.65	2.49	2.45	2.55	2.33
						PRIVATE INSTITUTIONS									
Major Research Universities:															
SUBTOTAL	1.37	1.35	1.41	1.43	1.44	6.78	5.48	6.45	6.68	6.86	1.75	1.75	1.84	1.85	1.90
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.74	1.77	1.72	1.76	1.68	8.58	9.00	8.72	8.59	8.20	2.52	2.57	2.53	2.57	2.44
Junior Colleges:															
SUBTOTAL	1.93	2.00	1.83	1.87	1.75	6.76	7.58	7.06	7.43	6.55	2.81	2.97	2.77	2.83	2.61
GRAND TOTAL	1.34	1.33	1.34	1.37	1.32	4.94	4.69	4.66	4.77	4.53	2.15	2.12	2.13	2.17	2.09

Table 9

Space Factors

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983	1987	1986	1985	1984	1983
Community Colleges:															
Alamance CC	1.12	1.05	1.09	1.03	0.92	3.24	2.78	2.99	2.75	2.40	1.95	1.76	1.81	1.64	1.50
Anson CC	2.87	3.07	2.31	5.61	4.12	5.84	5.42	5.76	7.12	5.54	4.48	4.47	4.21	6.57	5.00
Ashev'le-Bun. TCC	1.98	1.64	1.89	1.95	1.56	5.09	4.15	4.40	4.95	3.93	3.04	2.55	2.84	3.03	2.38
Beaufort Co. CC	2.16	2.24	2.13	2.61	2.33	7.04	6.52	6.49	8.72	7.08	3.88	3.85	3.64	4.45	3.92
Bladen CC	2.75	1.75	1.86	1.75	1.74	6.49	5.37	5.26	7.89	9.40	5.27	4.01	4.08	5.04	5.05
Blue Ridge CC	1.36	1.34	1.27	1.46	1.66	6.84	5.65	5.50	5.96	6.30	3.56	3.18	3.11	3.34	3.53
Brunswick CC	2.24	2.09	1.95	1.81	2.11	6.26	4.61	4.83	5.57	4.85	3.77	3.20	3.17	3.36	3.41
Caldwell CC & TI	1.56	1.35	1.40	1.38	1.38	4.64	3.84	3.46	3.68	3.09	2.82	2.50	2.43	2.48	2.27
Cape Fear CC	0.97	1.02	1.02	1.24	1.07	3.30	2.88	3.46	3.91	3.16	2.14	2.06	2.29	2.68	2.23
Carteret CC	1.16	1.59	1.46	1.48	1.46	3.60	4.41	5.04	5.53	4.71	2.21	2.57	2.58	2.77	2.64
Catawba Vy. CC	1.71	1.68	1.64	1.75	1.45	4.78	4.53	4.38	5.11	4.29	2.92	2.90	2.77	3.12	2.65
C. Carolina CC	1.35	1.07	1.05	1.06	0.94	4.68	3.59	3.66	3.36	3.27	2.61	2.11	2.07	1.94	1.78
Piedmont CC	0.81	0.72	0.87	0.91	0.84	2.39	2.18	2.52	2.40	2.06	1.33	1.23	1.43	1.43	1.29
Cleveland CC	2.93	2.30	2.06	2.18	2.14	6.12	6.65	5.65	5.43	5.29	4.55	4.17	3.64	3.58	3.47
Coastal Car. CC	0.95	0.81	0.80	0.91	0.92	4.57	3.93	4.02	4.52	4.32	1.95	1.81	1.77	2.01	2.00
Col. Albemarle	1.58	1.64	1.56	1.60	1.15	6.12	5.69	4.69	5.75	4.41	3.28	3.25	2.96	3.30	2.42
Craven CC	1.11	1.32	1.20	1.32	1.62	2.26	2.15	2.43	2.72	3.02	1.59	1.71	1.72	1.97	2.31
Davidson CC	1.97	1.42	1.37	1.47	1.25	6.28	4.60	4.59	4.57	4.16	3.32	2.38	2.24	2.36	2.18
Durham TCC	1.01	1.17	1.27	1.08	1.07	3.57	3.55	3.46	4.22	4.17	1.94	2.12	2.21	2.12	2.12
Edgecombe CC	5.35	2.58	3.17	3.06	2.31	11.45	8.51	7.45	10.64	7.05	7.66	4.54	4.79	5.23	3.81
Fayettev'le TCC	1.14	1.02	1.07	1.07	0.89	4.04	3.64	3.44	3.10	2.67	1.86	1.64	1.68	1.61	1.37
Forsyth TCC	2.00	1.75	1.65	1.15	0.98	5.05	4.99	4.68	4.42	3.96	3.10	2.86	2.70	2.43	2.13
Gaston Col.	1.76	1.67	1.52	1.90	1.71	6.36	7.14	5.17	5.76	7.17	3.17	3.24	2.77	3.33	3.37
Guilford TCC	1.38	1.31	1.48	1.54	1.26	3.66	3.68	3.86	4.30	3.83	2.29	2.23	2.40	2.60	2.17
Halifax CC	2.59	1.88	1.44	1.29	1.29	7.56	6.18	4.27	4.98	3.75	4.70	3.50	2.53	2.57	2.29
Haywood CC	1.96	1.66	1.58	2.02	1.43	4.28	3.97	3.57	4.21	4.10	3.52	3.17	2.91	3.51	3.14
Isothermal CC	2.03	2.48	1.92	2.21	2.11	4.40	3.94	3.80	3.60	4.42	2.97	3.17	2.79	2.94	3.15
J. Sprunt CC	2.11	2.29	2.18	1.96	1.95	7.95	7.68	5.86	6.24	4.37	4.66	4.80	4.09	4.00	3.32
Johnston CC	1.02	1.59	1.92	1.67	1.50	5.35	4.97	4.27	5.35	4.35	2.36	2.63	2.82	3.06	2.62
Lenoir CC	1.68	1.79	1.64	1.73	1.54	3.57	4.23	4.14	3.21	2.85	2.44	2.72	2.55	2.37	2.11
Martin CC	3.82	4.01	4.37	3.75	3.09	8.12	8.95	6.85	6.94	8.39	5.84	6.45	5.88	5.54	5.68
Mayland CC	1.72	1.55	1.44	1.41	1.26	3.73	3.89	3.84	2.94	3.61	2.67	2.58	2.47	2.09	2.07
McDowell CC	4.92	3.26	3.10	3.00	3.63	4.82	3.31	3.52	3.28	3.21	4.86	3.30	3.37	3.18	3.34
Mitchell CC	2.94	1.97	2.20	1.96	1.84	5.82	4.21	5.14	4.36	4.29	3.98	2.85	3.26	2.86	2.74
Montgomery CC	2.24	2.11	3.08	2.57	2.22	5.21	4.71	5.57	4.92	4.62	4.07	3.78	4.80	4.15	3.59
Nash CC	2.59	2.93	1.47	1.74	1.54	4.31	4.76	3.38	4.89	5.13	3.22	3.65	2.39	2.89	2.95
Pamlico CC	3.24	3.35	3.22	4.51	4.28	8.89	6.95	9.05	9.50	7.90	5.79	5.23	5.82	6.96	6.32
Piedmont CC	2.35	2.13	2.69	2.13	2.01	6.17	6.02	6.93	8.76	7.59	3.96	3.88	4.70	4.41	3.97
Pitt CC	0.95	1.22	1.25	1.34	1.06	3.60	3.26	3.07	3.00	3.34	1.76	1.98	1.95	2.02	1.85
Randolph CC	1.95	2.11	1.35	1.39	1.44	5.05	4.58	4.12	4.66	4.41	3.43	3.39	2.90	3.14	3.09
Richmond CC	1.81	1.60	1.59	1.56	1.46	6.53	5.88	4.62	5.16	4.49	3.63	3.28	2.96	3.09	2.70
Roanoke-Cho. CC	2.64	2.46	2.19	2.19	2.54	6.66	4.83	4.07	4.72	5.18	4.03	3.48	3.00	3.29	3.90
Robeson CC	2.32	1.78	1.88	1.77	1.92	5.73	5.62	4.00	5.23	4.47	3.69	3.34	3.06	3.41	3.28
Rockingham CC	1.40	1.39	1.44	1.72	1.50	6.01	5.79	5.46	4.86	5.25	2.91	2.66	2.73	2.93	2.73
Rowan-Cab. CC	1.70	1.53	1.61	1.75	1.40	4.32	4.39	4.59	3.62	3.93	2.64	2.46	2.60	2.49	2.18
Sampson CC	1.67	1.14	1.32	1.13	1.23	5.20	3.10	2.56	2.96	3.35	2.92	2.02	1.97	1.96	2.16
Sandhills CC	1.39	1.17	1.29	1.29	1.13	4.55	4.06	4.01	4.03	3.86	2.54	2.21	2.28	2.27	2.08
Southeastern CC	1.71	1.78	1.73	1.98	1.98	5.56	4.30	4.34	4.61	3.89	2.99	2.74	2.69	2.96	2.78
Southwestern CC	2.43	2.13	1.52	1.91	1.15	5.64	6.09	5.93	5.52	4.73	3.76	3.63	2.88	3.46	2.30
Stanly CC	2.32	1.78	1.89	1.89	1.73	5.45	4.74	3.09	3.11	3.46	3.57	3.25	2.40	2.32	2.32
Surry CC	1.43	1.38	1.46	1.41	1.46	2.83	2.57	2.53	2.78	3.04	2.03	1.91	1.97	2.03	2.12
Tri-County CC	2.43	2.12	2.43	2.76	2.45	8.77	6.84	6.46	7.00	6.49	4.93	4.32	4.50	4.81	4.44
Vance-Granv. CC	1.49	1.72	1.53	1.78	1.56	3.77	3.31	3.16	3.06	3.03	2.45	2.51	2.25	2.41	2.24
Wake TCC	0.95	0.94	1.01	1.08	0.99	3.94	3.58	3.28	3.10	3.00	1.81	1.78	1.75	1.81	1.66
Wayne CC	1.45	1.54	1.29	1.37	1.14	3.95	3.69	3.62	3.35	3.30	2.51	2.47	2.20	2.21	1.97
W. Piedmont CC	1.24	1.37	1.31	1.43	1.45	3.52	3.50	2.58	2.46	2.85	2.20	2.33	1.90	1.93	2.06
Wilkes CC	1.62	1.70	1.52	1.54	1.45	4.43	4.37	4.39	4.97	4.60	2.48	2.53	2.42	2.55	2.37
Wilson Co.TC	2.07	2.30	1.56	1.70	1.37	5.60	4.78	4.87	5.46	6.18	3.90	3.64	3.12	3.42	3.23
SUBTOTAL	1.53	1.44	1.43	1.48	1.33	4.50	4.11	3.99	4.15	3.89	2.65	2.49	2.45	2.55	2.33

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	31.5	29.6	27.6	60.7	57.9	55.8	0.90	0.84	0.79
Other Doctoral Universities:*	24.2	24.2	24.2	58.1	58.1	58.1	1.12	1.12	1.12
Comprehensive Universities:	37.0	23.9	13.7	60.9	56.9	44.1	2.10	1.14	0.66
Gen. Baccalaureate Universities:	38.5	20.1	15.0	53.6	47.2	44.3	2.21	1.58	0.81
Specialized Institution:*	12.6	12.6	12.6	53.8	53.8	53.8	2.56	2.56	2.56
Community Colleges:	33.9	22.1	8.0	79.5	53.4	36.8	5.35	1.53	0.81
PRIVATE INSTITUTIONS									
Major Research Universities:	20.2	20.1	19.9	53.6	50.0	48.2	1.38	1.37	1.35
Gen. Baccalaureate Colleges:	29.0	17.9	10.6	63.6	48.0	27.2	2.97	1.74	0.96
Junior Colleges:	22.4	15.8	11.6	72.9	58.7	48.6	2.75	1.93	1.23
STATE RANGE	38.5	22.0	8.0	79.5	53.9	27.2	5.35	1.34	0.66
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Table 10

Range of Selected Space Utilization Indices for Class Laboratories

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	17.4	13.2	11.5	69.5	65.3	58.7	5.89	4.98	3.31
Other Doctoral Universities:*	13.9	13.9	13.9	51.2	51.2	51.2	4.27	4.27	4.27
Comprehensive Universities:	20.0	11.8	5.0	65.1	55.5	40.0	9.24	4.66	2.79
Gen. Baccalaureate Universities:	12.0	10.0	8.1	50.3	45.9	40.8	7.36	6.17	4.30
Specialized Institution:*	13.1	13.1	13.1	53.8	53.8	53.8	7.28	7.28	7.28
Community Colleges:	35.6	19.6	7.7	77.3	53.6	36.0	11.45	4.50	2.26
PRIVATE INSTITUTIONS									
Major Research Universities:	6.9	6.8	6.8	70.2	66.6	64.3	6.93	6.78	6.56
Gen. Baccalaureate Colleges:	16.6	7.4	3.0	68.6	46.1	18.2	44.84	8.58	3.73
Junior Colleges:	12.4	8.2	6.0	72.4	53.1	47.1	12.30	6.76	4.15
STATE RANGE	35.6	15.2	3.0	77.3	54.1	18.2	44.84	4.94	2.26
TYPICAL STANDARD		20.0			80.0			3.00- 5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals which are published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments. In addition, this Commission is always ready to respond to queries on facilities matters.

Table 11

Space Criteria

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Space Criteria

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Conference Room
Assignable Square Feet
Per Station

Stations	Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for The University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of 9 through 11 credit hours is the equivalent of 3/4 FTE; the student with a 6 through 8 credit hour load is the equivalent of 1/2 FTE; and a student with less than 6 credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for The University of North Carolina, a student carrying 9 or more credit hours is considered a full-time student. In those instances where a graduate student takes less than 9 credit hours, the following method of equating is used: a student with a load of 6 through 8 credit hours is the equivalent of 3/4 FTE; the student with a 3 through 5 credit hour load is the equivalent of 1/2 FTE; and a student with less than 3 credit hours is the equivalent of 1/4 FTE.

Beginning this year, the Department of Community Colleges is reporting FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for eleven weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours by (16 x 11) or 176. As with Table 2, previous year figures have also been converted on the basis of this adjusted formula.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1983-1986. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1987, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community College

System. Since private colleges and universities and the constituent institutions of The University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments

Based on the decline in the 18- to 24-year olds since 1981, the Center for Education Statistics projected in 1982 that college enrollment would decline from 1982 to 1987. An early survey of a stratified random sample of institutions of higher education indicates that 12.5 million students were enrolled in the fall of 1987.* The projected decline did not therefore occur, and enrollments remained at an all-time high level. Women were 53% of all college students in fall 1987, and part-time students accounted for 42% of the total.

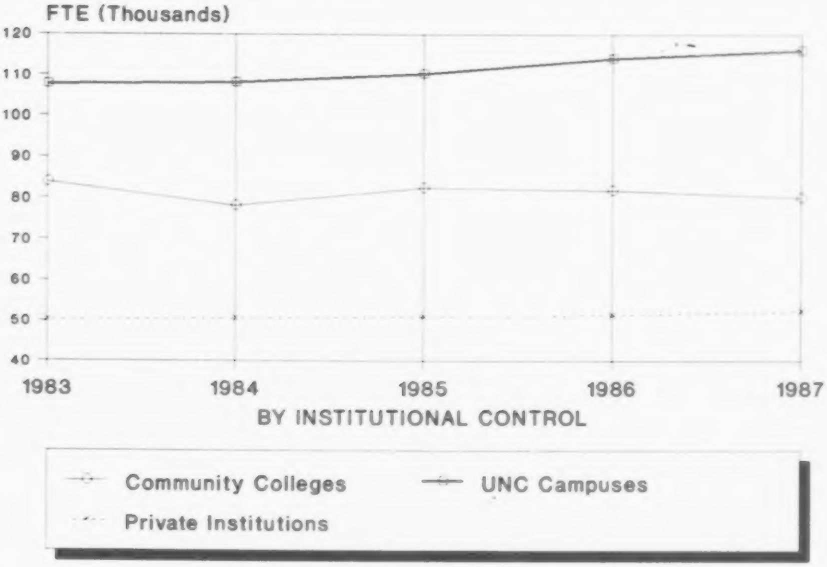
The following table indicates the annual percentage changes, for public and private institutions, in national headcount enrollments for the last five years:

	Overall Change	Public Institutions	Private Institutions
1983	0.3	-0.1	1.9
1984	-1.8	-2.3	0.0
1985	0.0	0.2	-0.5
1986	1.2	1.3	1.0
1987	1.0	1.0	1.0

In North Carolina, total headcount enrollment increased by 1.7% in 1987. The number of women enrolled increased by 2.5%, while the number of men increased by .6%. Women comprised 51.7% of the full-time enrollment and 58.7% of the part-time enrollment in North Carolina.

*National headcount figures presented here are based on the preliminary Early National Estimates Survey (December, 1987) of more than 600 institutions of higher education conducted by the Center for Education Statistics. Results of the final CES 1987 survey of a universe of 13,000 institutions were not available in time for this publication.

FTE ENROLLMENTS



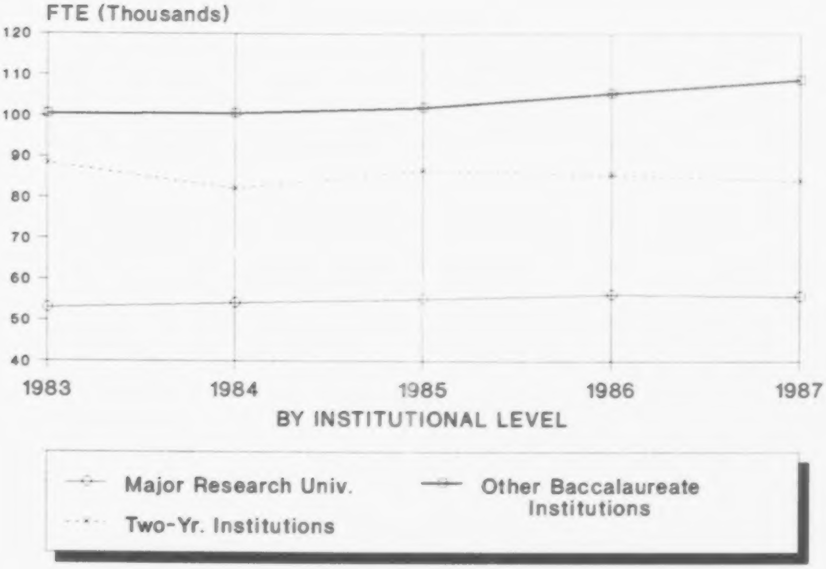


Table 12

FTE Enrollments Summary

INSTITUTION	1987	1986	1985	1984	1983
Major Research Universities:	40,564	40,994	40,083	39,423	38,741
Other Doctoral Universities:	9,169	8,889	8,614	8,479	8,456
Comprehensive Universities:	57,538	55,670	53,475	44,877	45,413
Gen. Baccalaureate Universities:	8,381	8,159	7,678	14,868	14,624
Specialized Institution:	462	460	478	496	529
Community Colleges:	80,113	81,889	82,376	78,132	83,813
PRIVATE INSTITUTIONS					
Major Research Universities:	15,255	15,245	14,968	14,634	14,281
Gen. Baccalaureate Colleges:	33,296	32,457	31,852	31,865	31,473
Junior Colleges:	3,832	3,657	4,119	4,022	4,523
GRAND TOTAL	248,610	247,420	243,643	236,796	241,853

Table 12

FTE Enrollments
Institutional

INSTITUTION	1987	1986	1985	1984	1983
Major Research Univ.:					
NC State	19,554	20,014	19,718	19,471	18,678
NC State Vet.	276	283	253	221	150
UNC-Chapel Hill	17,607	17,582	17,026	16,598	16,740
UNC-Health Aff.	3,127	3,115	3,086	3,133	3,173
SUBTOTAL	40,564	40,994	40,083	39,423	38,741
Other Doctoral Univ.:					
UNC-Greensboro	9,169	8,889	8,614	8,479	8,456
Comprehensive Univ.:					
Appalachian	10,357	9,780	9,132	8,898	9,144
East Carolina	12,599	12,031	11,655	11,324	10,914
ECU-Health Aff.	931	1,131	1,228	1,370	1,380
Fayetteville	2,316	2,583	2,615	-	-
NC A & T	5,473	5,388	5,224	4,965	5,221
NC Central	4,334	4,231	4,093	3,964	4,581
UNC-Charlotte	10,216	9,866	9,064	8,813	8,687
UNC-Wilmington	6,035	5,424	5,207	-	-
West'n Carolina	5,277	5,236	5,257	5,543	5,486
SUBTOTAL	57,538	55,670	53,475	44,877	45,413
Gen. Baccalaureate Univ.:					
Elizabeth City	1,537	1,545	1,475	1,501	1,417
Fayetteville	-	-	-	2,374	2,419
Pembroke	2,249	2,109	1,998	1,874	1,843
UNC-Asheville	2,346	2,198	2,022	1,965	1,938
UNC-Wilmington	-	-	-	4,960	4,863
Winston-Salem	2,249	2,307	2,183	2,194	2,144
SUBTOTAL	8,381	8,159	7,678	14,868	14,624
Specialized Inst.:					
NC Sch. of Arts	462	460	478	496	529

Table 12

FTE Enrollments
Institutional

INSTITUTION	1987*	1986	1985	1984	1983
Community Colleges:					
Alamance CC	1,535 (1,957)	1,697	1,578	1,512	1,682
Anson CC	317 (560)	282	261	240	295
Ashev'le-Bun. TCC	2,196 (2,247)	2,162	2,084	2,045	2,131
Beaufort Co. CC	810 (996)	842	845	729	760
Bladen CC	419 (579)	463	459	307	360
Blue Ridge CC	889 (1,107)	949	991	957	920
Brunswick CC	466 (485)	526	492	432	385
Caldwell CC & TI	1,350 (1,626)	1,361	967	1,386	1,442
Cape Fear CC	1,976 (1,989)	2,145	1,920	1,580	1,902
Carteret CC	1,000 (1,164)	914	841	753	855
Catawba Vy. CC	1,537 (1,817)	1,647	1,598	1,552	1,794
C. Carolina CC	1,609 (2,217)	1,584	1,628	1,493	1,650
C. Piedmont CC	7,972 (9,270)	7,918	8,109	7,520	8,331
Cleveland CC	727 (1,015)	776	883	864	915
Coastal Car. CC	2,348 (2,461)	2,319	2,340	2,179	2,131
Col. Albemarle	937 (1,311)	976	998	1,074	1,140
Craven CC	997 (1,586)	1,046	1,222	1,148	1,244
Davidson Co. CC	1,686 (1,863)	1,744	1,662	1,766	1,932
Durham TCC	2,189 (2,640)	2,097	2,135	2,050	2,213
Edgecombe CC	689 (878)	742	878	733	902
Fayettev'le TCC	4,065 (5,056)	4,259	4,234	4,136	4,677
Forsyth TCC	2,485 (2,583)	2.649	2,603	2,363	2,559
Gaston Col.	2,226 (2,365)	2,436	2,482	2,250	2,439
Guilford TCC	4,447 (4,526)	4,154	3,940	3,584	3,747
Halifax CC	652 (821)	724	848	744	816
Haywood CC	1,098 (1,104)	1,126	1,153	992	1,110
Isothermal CC	1,300 (1,357)	1,493	1,523	1,459	1,483
J. Sprunt CC	594 (790)	630	612	657	713
Johnston CC	1,363 (2,007)	1,362	1,430	1,277	1,339
Lenoir CC	1,640 (1,896)	1,587	1,623	1,516	1,681

*Figures in parentheses represent total FTE enrollments (both on and off campus). See page 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1987*	1986	1985	1984	1983
Community Colleges:					
Martin CC	604 (636)	548	567	572	581
Mayland CC	489 (678)	447	518	486	541
McDowell CC	515 (533)	595	540	593	591
Mitchell CC	1,034 (1,143)	1,018	970	972	999
Montgomery CC	376 (529)	345	370	375	451
Nash CC	855 (894)	909	971	776	848
Pamlico CC	105 (105)	124	122	101	122
Piedmont CC	416 (883)	408	439	640	458
Pitt CC	2,169 (2,614)	2,017	1,963	1,945	2,083
Randolph CC	1,130 (1,166)	1,183	1,197	1,108	1,118
Richmond CC	809 (889)	899	944	899	1,012
Roanoke-Cho. CC	558 (588)	468	526	604	600
Robeson CC	1,044 (1,147)	947	1,055	871	1,041
Rockingham CC	1,150 (1,172)	1,284	1,192	1,113	1,228
Rowan-Cab. CC	1,471 (1,880)	1,517	1,389	1,462	1,697
Sampson CC	721 (747)	790	846	795	802
Sandhills CC	1,864 (1,876)	1,751	1,889	1,735	1,895
Southeastern CC	1,095 (1,178)	1,262	1,337	1,303	1,438
Southwestern CC	814 (989)	925	979	923	1,061
Stanly CC	767 (1,136)	636	665	628	645
Surry CC	1,450 (1,783)	1,572	1,561	1,477	1,413
Tri-County CC	509 (536)	506	550	518	559
Vance-Granv. CC	1,152 (1,401)	1,139	1,089	1,036	1,068
Wake TCC	2,614 (3,405)	2,749	2,809	2,843	2,830
Wayne CC	1,566 (1,821)	1,642	1,879	1,822	1,706
W. Piedmont CC	1,402 (1,529)	1,391	1,419	1,164	1,198
Wilkes CC	1,152 (1,497)	1,215	1,295	1,161	1,341
Wilson Co. TC	763 (1,006)	992	956	912	939
TOTAL	80,113 (94,034)	81,889	82,376	78,132	83,813

*Figures in parentheses represent total FTE enrollments (both on and off campus). See page 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1987	1986	1985	1984	1983
PRIVATE INSTITUTIONS					
Major Research Universities:					
Duke	9,497	9,631	9,322	9,085	8,730
Duke Med. Ctr.	738	666	724	757	854
Wake Forest	4,594	4,535	4,494	4,364	4,271
Bowman Gray	426	413	428	428	426
SUBTOTAL	15,255	15,245	14,968	14,634	14,281
Gen. Baccalaureate Colleges:					
Atlantic Christian	1,117	1,136	1,138	1,227	1,385
Barber-Scotia	377	376	374	373	421
Belmont Abbey	953	806	846	837	805
Bennett	547	572	554	562	550
Campbell	2,661	2,636	2,365	2,676	2,540
Catawba	894	817	839	865	908
Davidson	1,407	1,390	1,396	1,369	1,368
Elon	2,937	2,826	2,672	2,574	2,528
Gardner-Webb	1,552	1,586	1,567	1,696	1,673
Greensboro	655	510	533	513	536
Guilford	1,502	1,465	1,422	1,422	1,400
High Point	1,492	1,287	1,268	1,254	1,270
Johnson C. Smith	1,159	1,118	1,251	1,254	1,115
Lenoir Rhyne	1,424	1,403	1,380	1,327	1,274
Livingstone	642	720	627	650	674
Mars Hill	1,186	1,186	1,270	1,234	1,353
Meredith	1,758	1,697	1,624	1,552	1,520
Methodist	1,204	1,096	1,077	859	686

Table 12

FTE Enrollments
Institutional

INSTITUTION	1987	1986	1985	1984	1983
Gen. Baccalaureate (Continued)					
Montreat-Anderson	337	367	-	-	-
Mount Olive	510	479	437	392	-
N. C. Wesleyan	686	592	503	553	578
Pfeiffer	757	780	746	716	724
Piedmont Bible	182	248	267	293	353
Queens	830	847	822	789	788
St. Andrews Presb.	796	717	721	701	693
St. Augustine's	1,590	1,614	1,661	1,691	1,615
Salem	658	614	592	620	619
Shaw	1,570	1,372	1,695	1,717	1,893
Warren Wilson	513	492	484	458	473
Wingate	1,400	1,447	1,423	1,383	1,412
SUBTOTAL	33,296	32,457	31,852	31,865	31,473
Junior Colleges:					
Brevard	586	578	658	649	677
Chowan	909	877	949	901	975
Lees-McRae	756	677	664	669	687
Louisburg	814	773	750	694	702
Montreat-Anderson	-	-	375	360	377
Mt. Olive	-	-	-	-	333
Peace	488	478	482	476	472
St. Mary's	279	274	241	273	300
SUBTOTAL	3,832	3,657	4,119	4,022	4,523
TOTAL	52,383	51,359	50,939	50,521	50,277

CLIFTON W. EVERETT

Clifton W. Everett Building, Pitt Community College

A more traditional architecture may be found in Pitt Community College's Georgian style Clifton W. Everett Building, a multipurpose facility completed in March, 1987, at a cost of $2.3 million. The building's major space assignments include a Learning Resource Center (library, audiovisual and media production services), a Learning Center (individualized instruction and a GED testing area) and a Small Business Center.

The first floor features areas for audio, video, graphic and photographic productions; A/V and computer equipment repair services; and audiovisual storage, processing and circulation services. Individual viewing/listening stations, a microcomputer room, conference rooms and staff offices complete the lower level. The second floor houses primary library and service space, including small and large group class/meeting/study rooms, individual study carrels, book and periodical collections and user lounge and seating areas.

Interior Space Characteristics

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TABLE 13:

NET-TO-GROSS RATIO

The net-to-gross ratio is the net assignable area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building; the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), North Carolina State University (329,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (522,938 sq. ft.). There are three parking decks at the private major research universities, representing a total gross area of 1,154,039 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (68.7%), North Carolina State University (66.1%), University of North Carolina at Chapel Hill-Health Affairs (59.1%), private major research universities (65.7%), Appalachian State University (69.8%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $73 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .66. This means that new construction costs are approximately $111 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$73}{.66} = \$111$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $111 in new construction costs.

Table 13

Net-to-Gross Ratio

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1987	1986	1985	1984	1983
Major Research Universities:							
NC State*	6,605,299	4,150,624	62.8	62.0	67.1	67.3	67.1
NC State Vet.	372,607	222,776	59.8	60.0	60.0	60.0	59.9
UNC-Chapel Hill	6,832,654	4,526,444	66.2	66.7	66.9	66.8	67.2
UNC-Health Aff.*	2,572,258	1,210,480	47.1	47.1	47.0	64.3	64.3
SUBTOTAL	16,382,818	10,110,324	61.7	61.5	63.5	66.4	66.5
Other Doctoral Universities:							
UNC-Greensboro	2,640,528	1,718,596	65.1	64.9	65.0	65.1	65.2
Comprehensive Universities:							
Appalachian*	2,694,287	1,878,216	69.7	69.4	69.5	69.9	70.0
East Carolina	2,676,822	1,893,980	70.8	70.8	70.7	70.7	70.7
ECU-Health Aff.	644,848	406,772	63.1	63.1	63.1	63.1	63.4
Fayetteville	834,547	558,299	66.9	66.0	66.0	-	-
NC A & T	2,060,871	1,428,304	69.3	69.8	69.6	69.7	69.7
NC Central	1,551,131	1,013,076	65.3	65.2	65.2	64.6	64.7
UNC-Charlotte	2,177,629	1,476,259	67.8	67.2	67.2	66.8	66.7
UNC-Wilmington	1,186,779	807,762	68.1	66.9	66.9	-	-
West'n Carolina	2,242,064	1,530,565	68.3	68.3	70.4	70.1	70.0
SUBTOTAL	16,068,978	10,993,233	68.4	68.2	68.5	68.7	68.8
Gen. Baccalaureate Universities:							
Elizabeth City	739,960	525,771	71.1	72.5	72.0	71.7	71.7
Fayetteville	-	-	-	-	-	66.0	66.3
Pembroke	698,463	477,222	68.3	69.4	69.4	69.4	69.4
UNC-Asheville	566,315	388,240	68.6	70.3	70.3	70.4	70.3
UNC-Wilmington	-	-	-	-	-	66.4	66.5
Winston-Salem	853.988	579,028	67.8	69.0	69.0	69.0	68.5
SUBTOTAL	2,858,726	1,970,261	68.9	70.2	70.1	68.5	68.5

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Table 13

Net-to-Gross Ratio

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1987	1986	1985	1984	1983
Specialized Institution:							
NC Sch. of Arts	464,232	322,725	69.5	69.8	70.1	70.1	70.1
Teaching Hospital:							
NC Mem. Hosp.	1,226,713	688,854	56.2	57.8	57.6	57.2	56.5
Community Colleges:							
SUBTOTAL*	10,879,469	7,576,436	69.6	70.7	70.7	73.9	73.9
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	12,078,796	7,181,257	59.5	59.2	59.1	68.3	68.5
Gen. Baccalaureate Colleges:							
SUBTOTAL	14,565,455	10,300,362	70.7	70.7	70.7	70.7	70.7
Junior Colleges:							
SUBTOTAL	2,224,664	1,568,420	70.5	70.1	69.7	69.8	70.3
GRAND TOTAL	79,390,379	52,430,468	66.0	66.1	66.6	69.0	69.0

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Table 13

Net-to-Gross Ratio

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1987	1986	1985	1984	1983
Community Colleges:							
Alamance CC	157,002	106,000	67.5	67.4	67.4	65.3	65.2
Anson CC	70,607	51,500	72.9	73.7	72.6	73.4	73.4
Ashev'le-Bun. TCC	305,774	214,388	70.1	70.4	70.4	70.3	69.6
Beaufort Co. CC	126,448	99,469	78.7	78.7	78.3	76.8	80.0
Bladen CC	93,365	71,400	76.5	76.5	76.9	76.3	76.3
Blue Ridge CC	115,852	89,422	77.2	76.7	76.7	76.1	76.0
Brunswick CC	75,443	61,950	82.1	81.7	81.7	81.6	79.7
Caldwell CC & TI	168,574	128,520	76.2	75.9	75.9	76.0	76.0
Cape Fear CC	198,389	136,896	69.0	69.0	71.2	72.0	72.2
Carteret CC	163,724	126,685	77.4	77.6	75.2	75.8	77.8
Catawba Vy. CC	215,860	161,722	74.9	74.9	74.9	74.9	75.2
C. Carolina CC	157,843	121,746	77.1	78.0	77.9	77.6	77.7
C. Piedmont CC*	1,252,921	479,104	38.2	41.4	41.7	73.0	73.0
Cleveland CC	159,645	120,448	75.4	75.6	75.6	75.3	75.1
Coastal Car. CC	214,716	155,551	72.4	72.6	72.6	72.6	72.6
Col. Albemarle	132,914	94,999	71.5	71.5	71.3	70.7	71.9
Craven CC	127,058	91,657	72.1	72.1	71.9	71.9	71.4
Davidson Co. CC	208,596	145,065	69.5	69.5	69.5	69.5	69.7
Durham TCC	212,832	156,672	73.6	76.4	76.6	78.2	77.3
Edgecombe CC	144,858	93,163	64.3	69.2	69.4	69.3	68.9
Fayettev'le TCC	321,316	233,758	72.8	72.9	72.8	72.8	72.5
Forsyth TCC	383,785	284,269	74.1	73.9	73.9	75.3	74.9
Gaston Col.	276,234	192,544	69.7	69.7	69.8	69.8	71.4
Guilford TCC	515,028	370,642	72.0	71.9	72.5	72.6	72.7
Halifax CC	119,225	88,204	74.0	73.9	75.9	75.9	75.9
Haywood CC	234,781	183,400	78.1	78.4	78.3	78.4	78.4
Isothermal CC	184,286	142,366	77.3	77.3	77.6	77.6	77.3
J. Sprunt CC	114,561	86,591	75.6	75.1	75.1	75.1	75.1
Johnston CC	133,817	104,404	78.0	78.1	78.4	78.1	76.9
Lenoir CC	194,210	150,738	77.6	77.3	77.7	77.7	77.7

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Table 13

Net-to-Gross Ratio

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1987	1986	1985	1984	1983
Community Colleges:							
Martin CC	151,265	110,951	73.3	75.9	75.9	76.4	76.6
Mayland CC	64,141	45,197	70.5	66.4	66.4	64.5	64.0
McDowell CC	92,006	69,553	75.6	79.1	79.1	79.1	79.1
Mitchell CC	250,997	181,016	72.1	69.6	69.6	69.5	69.2
Montgomery CC	68,490	46,643	68.1	67.3	67.3	67.5	68.2
Nash CC	124,459	89,147	71.6	71.6	73.4	73.4	73.5
Pamlico CC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont CC	102,025	87,666	85.9	86.9	86.9	86.9	86.9
Pitt CC	177,554	134,475	75.7	76.2	76.2	76.2	75.8
Randolph CC	167,877	133,871	79.7	79.9	78.8	78.8	78.8
Richmond CC	116,664	88,748	76.1	77.1	77.1	77.1	77.1
Roanoke-Cho. CC	119,175	83,752	70.3	71.8	71.8	71.8	72.6
Robeson CC	166,833	126,497	75.8	79.8	79.8	79.8	79.4
Rockingham CC	211,521	157,282	74.4	73.9	73.9	73.9	73.9
Rowan-Cab. CC	191,582	146,324	76.4	76.5	76.5	75.4	75.4
Sampson CC	100,709	73,496	73.0	72.1	72.2	73.2	73.4
Sandhills CC	213,963	156,515	73.2	73.1	73.7	73.6	73.6
Southeastern CC	161,785	120,029	74.2	76.1	74.2	74.2	74.2
Southwestern CC	115,065	88,395	76.8	77.9	77.9	77.9	77.9
Stanly CC	98,871	72,537	73.4	74.8	72.5	73.5	72.6
Surry CC	166,706	123,249	73.9	73.9	74.0	74.0	73.7
Tri-County CC	92,769	73,119	78.8	81.5	81.5	81.4	79.8
Vance-Granv. CC	150,006	95,005	63.3	63.3	62.3	62.3	62.3
Wake TCC	272,725	197,079	72.3	72.2	72.2	72.3	72.4
Wayne CC	165,928	131,809	79.4	79.9	79.9	80.1	80.1
W. Piedmont CC	149,169	103,760	69.6	69.6	69.7	68.1	68.3
Wilkes CC	200,813	148,803	74.1	74.1	74.1	74.1	73.5
Wilson Co. TC	166,509	119,520	71.8	71.7	72.5	72.7	72.7
TOTAL	10,879,469	7,576,436	69.6	70.7	70.7	73.9	73.9

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sum of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

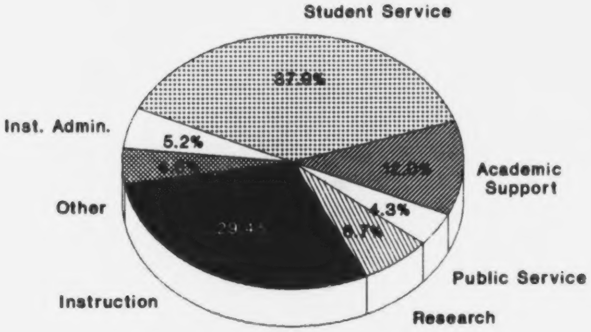
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

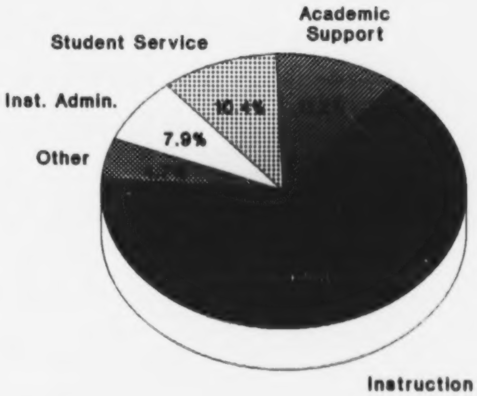
90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

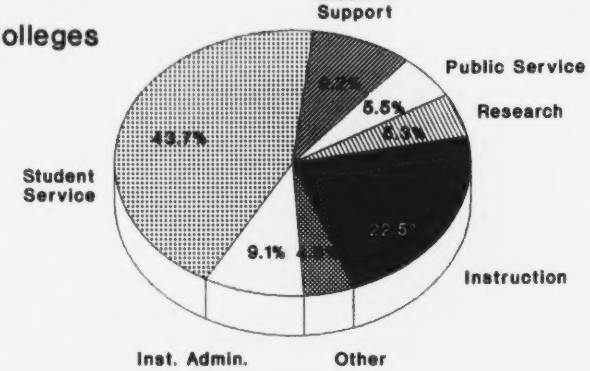
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

Table 14

Percentage Distribution of Assignable Area by Summary Programs

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	4,150,624	30.5	17.2	3.8	6.9	35.2	3.7	1.9	-	0.6	0.2
NC State Vet	222,776	35.6	26.5	22.2	10.5	3.3	1.5	0.4	-	-	-
UNC-Chapel Hill	4,526,444	21.5	5.8	1.7	17.5	39.8	6.0	1.9	<0.1	4.5	1.4
UNC-Health Aff.	1,210,480	30.1	40.2	5.7	16.9	0.6	0.5	0.3	-	4.2	1.5
SUBTOTAL	10,110,324	26.5	15.1	3.5	13.0	32.4	4.3	1.7	<0.1	2.8	0.9
Other Doctoral Universities:											
UNC-Greensboro	1,718,596	28.1	2.2	<0.1	12.3	42.3	7.5	1.4	-	-	6.2
Comprehensive Universities:											
Appalachian	1,878,216	30.7	0.2	0.4	10.3	49.8	4.8	3.1	-	0.1	0.6
East Carolina	1,893,980	31.0	1.7	0.5	10.7	49.9	4.3	1.4	-	-	0.5
ECU-Health Aff.	406,772	72.9	2.8	5.0	15.3	2.5	-	1.5	-	-	-
Fayetteville	558,299	29.1	0.2	0.5	13.2	39.7	8.5	2.5	-	0.3	6.1
NC A & T	1,428,304	37.3	3.5	0.8	12.9	36.5	4.8	1.3	-	0.6	2.3
NC Central	1,013,076	34.6	0.5	0.1	14.6	42.2	5.8	0.7	-	0.1	1.4
UNC-Charlotte	1,476,259	33.2	1.9	-	9.1	49.9	5.1	1.0	-	-	-
UNC-Wilmington	807,762	25.2	2.1	-	17.5	44.7	7.3	1.8	-	0.3	1.1
West'n Carolina	1,530,565	28.0	0.5	0.1	14.7	44.2	7.0	1.5	-	2.6	1.4
SUBTOTAL	10,993,233	33.0	1.4	0.5	12.4	44.0	5.3	1.6	-	0.5	1.2
Gen. Baccalaureate Universities:											
Elizabeth City	525,771	27.6	-	3.6	8.6	44.6	9.7	1.4	-	0.2	4.3
Pembroke	477,222	36.4	0.1	<0.1	8.2	41.0	7.7	1.8	-	-	4.8
UNC-Asheville	388,240	30.4	0.3	1.7	12.1	44.2	7.8	2.5	-	0.7	0.3
Winston-Salem	579,028	33.0	0.4	0.1	8.8	40.5	7.5	1.8	-	0.1	7.7
SUBTOTAL	1,970,261	31.9	0.2	1.4	9.2	42.4	8.2	1.8	-	0.2	4.6
Specialized Institution:											
NC Sch. of Arts	322,725	52.2	-	0.4	7.3	32.6	6.5	0.9	-	-	-
Teaching Hospital:											
N. C. Mem. Hosp.	688,854	-	<0.1	98.2	-	-	<0.1	<0.1	-	-	1.7
Community Colleges:											
SUBTOTAL	7,576,436	65.8	-	0.5	11.2	10.4	7.9	2.0	-	0.5	1.6
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,180,681	15.7	13.9	14.4	12.0	32.8	5.8	2.2	-	3.2	<0.1
Gen. Baccalaureate Colleges:											
SUBTOTAL	10,300,362	26.8	0.1	0.1	7.7	50.0	11.0	1.8	-	0.8	1.8
Junior Colleges:											
SUBTOTAL	1,568,420	26.3	-	<0.1	7.0	51.7	12.2	2.1	-	-	0.7
GRAND TOTAL	52,429,892	32.2	5.2	4.2	10.9	36.0	7.0	1.8	<0.1	1.3	1.4

Table 14

Percentage Distribution of Assignable Area by Summary Programs

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	106,000	72.0	-	0.2	11.7	7.0	6.7	2.5	-	-	-
Anson CC	51,500	55.4	-	1.0	18.1	10.6	7.2	5.1	-	-	2.5
Ashev'le-Bun. TCC	214,388	76.6	-	-	5.3	4.2	11.7	1.6	-	-	0.5
Beaufort Co. CC	99,469	62.6	-	-	11.5	13.3	8.2	4.3	-	-	-
Bladen CC	71,400	56.4	-	-	9.5	20.6	7.5	4.9	-	1.0	0.2
Blue Ridge CC	89,422	73.3	-	0.4	7.3	6.2	4.0	8.8	-	-	-
Brunswick CC	61,950	76.1	-	0.2	3.2	3.2	9.7	0.6	-	-	6.9
Caldwell CC & TI	128,520	59.1	-	-	14.9	16.8	9.0	0.2	-	-	-
Cape Fear CC	136,896	64.9	-	0.2	13.8	11.3	9.4	-	-	0.3	-
Carteret CC	126,685	43.2	-	0.2	7.0	5.7	16.8	0.5	-	13.1	13.6
Catawba Vy. CC	161,722	68.1	-	-	10.9	9.6	10.5	-	-	-	0.9
C. Carolina CC	121,746	74.5	-	-	10.2	7.5	4.4	3.3	-	-	-
C. Piedmont CC	479,104	65.2	-	0.3	13.8	10.4	8.6	1.7	-	-	0.1
Cleveland CC	120,448	64.9	-	-	15.4	8.3	7.6	2.9	-	-	0.8
Coastal Car. CC	155,551	69.3	-	0.1	12.7	10.3	5.2	2.4	-	-	-
Col. Albemarle	94,999	68.7	-	0.5	12.8	10.2	6.0	1.7	-	-	-
Craven CC	91,657	74.3	-	0.1	14.8	5.4	5.4	-	-	-	-
Davidson CC	145,065	62.6	-	-	19.1	8.6	5.9	3.8	-	-	-
Durham TCC	156,672	62.4	-	0.7	11.2	9.2	10.3	3.2	-	-	2.9
Edgecombe CC	93,163	66.6	-	-	13.8	12.5	6.5	0.3	-	-	0.3
Fayettev'le TCC	233,758	65.2	-	-	11.3	14.3	6.3	2.9	-	-	-
Forsyth TCC	284,269	69.4	-	0.3	8.6	10.6	4.8	1.9	-	-	4.5
Gaston Col.	192,544	69.7	-	-	7.9	12.8	6.8	<0.1	-	-	2.7
Guilford TCC	370,642	66.0	-	2.4	10.6	10.6	8.4	1.6	-	0.3	<0.1
Halifax CC	88,204	62.9	-	0.9	11.2	16.6	5.4	3.2	-	-	-
Haywood CC	183,400	72.9	-	0.2	7.9	4.4	2.7	3.4	-	8.5	-
Isothermal CC	142,366	76.0	-	0.3	9.4	8.3	4.8	1.2	-	-	-
J. Sprunt CC	86,591	63.1	-	-	7.3	18.0	7.2	4.4	-	-	-
Johnston CC	104,404	74.0	-	-	6.8	9.6	5.2	4.3	-	-	-
Lenoir CC	150,738	69.2	-	0.1	12.9	8.5	9.0	0.3	-	-	-
Martin CC	110,951	62.9	-	-	14.6	12.9	5.9	3.3	-	0.5	-
Mayland CC	45,197	57.9	-	6.5	7.4	6.5	7.3	-	-	-	14.4
McDowell CC	69,553	74.5	-	0.1	10.4	5.3	6.6	3.0	-	-	-
Mitchell CC	181,016	57.4	-	-	9.6	17.1	7.2	0.7	-	0.1	8.0
Montgomery CC	46,643	70.9	-	-	11.5	9.6	8.1	-	-	-	-
Nash CC	89,147	65.0	-	-	5.1	4.9	7.3	0.9	-	-	16.8
Pamlico CC	28,725	57.9	-	0.8	18.7	9.2	9.3	4.0	-	-	-
Piedmont CC	87,666	46.7	-	16.7	9.4	7.4	15.1	3.9	-	-	0.7
Pitt CC	134,475	60.8	-	0.1	22.3	5.6	6.1	1.2	-	-	3.9
Randolph CC	133,871	63.1	-	-	14.1	12.1	9.9	0.8	-	-	-
Richmond CC	88,748	72.7	-	-	8.5	9.5	7.4	1.9	-	-	-
Roanoke-Cho. CC	83,752	58.9	-	0.2	8.7	8.3	7.9	5.0	-	0.5	10.5
Robeson CC	126,497	62.0	-	-	9.2	10.8	12.2	0.1	-	-	5.7
Rockingham CC	157,282	66.7	-	-	12.2	10.6	8.7	1.1	-	<0.1	0.8
Rowan-Cab. CC	146,324	66.8	-	-	13.4	9.4	6.0	4.4	-	-	-
Sampson CC	73,496	72.1	-	-	16.7	3.7	7.1	-	-	-	0.4
Sandhills CC	156,515	67.7	-	0.1	7.6	12.3	8.7	3.7	-	-	-
Southeastern CC	120,029	61.2	-	0.8	14.0	12.4	8.1	1.0	-	-	2.4
Southwestern CC	88,395	65.7	-	-	11.0	13.6	6.4	3.3	-	-	-
Stanly CC	72,537	71.4	-	0.7	6.8	11.1	7.6	0.2	-	-	2.2
Surry CC	123,249	67.2	-	0.6	10.7	13.7	5.1	2.7	-	-	-
Tri-County CC	73,119	79.3	-	-	7.8	6.6	6.3	-	-	-	-
Vance-Granv. CC	95,005	61.9	-	0.3	11.2	7.5	18.1	1.0	-	-	-
Wake TCC	197,079	62.1	-	-	7.2	10.6	12.3	4.4	-	-	3.4
Wayne CC	131,809	76.0	-	-	7.6	9.9	6.2	0.3	-	-	-
W. Piedmont CC	103,760	60.6	-	0.1	15.2	13.0	6.3	4.8	-	-	-
Wilkes CC	148,803	46.7	-	-	13.0	25.8	9.7	0.8	-	4.0	-
Wilson Co. TC	119,520	65.4	-	1.1	15.2	6.3	11.4	0.7	-	-	-
SUBTOTAL	7,576,436	65.8	-	0.5	11.2	10.4	7.9	2.0	-	0.5	1.6

TABLE 14a:

INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupational-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program but that are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program but that are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care but that cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e.,31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	30.4	-	0.1	-	<0.1	-	-	-
NC State Vet.	35.6	-	-	-	-	-	-	-
UNC-Chapel Hill	21.3	-	<0.1	<0.1	0.2	-	-	-
UNC-Health Aff.	29.4	-	0.1	0.1	0.5	-	-	-
SUBTOTAL	26.3	-	<0.1	<0.1	0.1	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	28.0	-	0.1	-	-	-	-	-
Comprehensive Universities:								
Appalachian	27.8	-	-	2.9	-	-	-	-
East Carolina	31.0	-	-	-	-	-	-	-
ECU-Health Aff.	72.9	-	-	-	-	-	-	-
Fayetteville	28.4	-	-	0.7	-	-	-	-
NC A & T	37.2	-	<0.1	-	-	-	-	-
NC Central	34.5	-	0.1	-	-	-	-	-
UNC-Charlotte	33.2	-	-	-	-	-	-	-
UNC-Wilmington	24.9	-	-	-	0.3	-	-	-
West'n Carolina	27.6	-	0.1	0.1	0.1	0.1	-	-
SUBTOTAL	32.4	-	<0.1	0.5	<0.1	<0.1	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	26.7	-	0.9	-	-	-	-	-
Pembroke	36.0	-	0.4	-	-	-	-	-
UNC-Asheville	30.4	-	-	-	-	-	-	-
Winston-Salem	32.5	-	0.6	-	-	-	-	-
SUBTOTAL	31.4	-	0.5	-	-	-	-	-

Table 14a

Instruction, Research & Public Service Subprograms

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Major Research Universities:
-	17.2	-	-	1.8	2.0	-	NC State
-	26.5	9.2	13.0	-	-	-	NC State Vet.
0.5	5.4	-	-	1.5	-	0.2	UNC-Chapel Hill
1.9	38.3	2.5	2.9	0.4	-	-	UNC-Health Aff.
0.4	14.6	0.5	0.6	1.4	0.8	0.1	SUBTOTAL
							Other Doctoral Universities:
-	2.2	-	-	-	<0.1	-	UNC-Greensboro
							Comprehensive Universities:
-	0.2	-	-	0.4	-	-	Appalachian
0.1	1.6	-	-	0.5	-	-	East Carolina
-	2.8	1.1	2.2	1.7	-	-	ECU-Health Aff.
-	0.2	-	-	0.4	-	<0.1	Fayetteville
0.2	3.3	-	-	0.2	0.6	0.1	NC A & T
<0.1	0.5	-	-	0.1	-	-	NC Central
0.2	1.6	-	-	-	-	-	UNC-Charlotte
1.4	0.8	-	-	-	-	-	UNC-Wilmington
-	0.5	-	-	0.1	-	-	West'n Carolina
0.2	1.2	<0.1	0.1	0.3	0.1	<0.1	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	3.3	-	0.3	Elizabeth City
-	0.1	-	-	<0.1	-	-	Pembroke
0.1	0.3	-	-	1.7	-	-	UNC-Asheville
-	0.4	-	-	0.1	-	-	Winston-Salem
<0.1	0.2	-	-	1.3	-	0.1	SUBTOTAL

Table 14a

Instruction, Research & Public Service Subprograms

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	52.2	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.8	52.4	0.7	2.2	2.0	<0.1	0.1	0.5
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	15.5	-	0.1	<0.1	0.1	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	26.6	<0.1	0.1	<0.1	0.1	<0.1	-	-
Junior Colleges:								
SUBTOTAL	26.2	-	0.1	-	-	-	-	-
GRAND TOTAL	23.5	7.6	0.2	0.4	0.3	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	0.4	-	-	NC Sch. of Arts
							Teaching Hospital:
-	<0.1	31.0	67.2	-	-	-	NC Mem. Hosp.
							Community Colleges:
-	-	-	-	0.5	<0.1	<0.1	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	13.9	4.4	10.0	<0.1	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	<0.1	-	-	SUBTOTAL
0.1	5.1	1.1	2.4	0.5	0.2	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Community Colleges:									
Alamance CC	-	59.3	-	2.3	10.3	-	-	-	0.2
Anson CC	-	45.5	0.5	6.7	2.6	-	-	-	1.0
Ashev'le-Bun. TCC	-	74.7	0.1	0.6	1.2	-	-	-	-
Beaufort Co. CC	0.8	58.6	-	3.1	-	-	-	-	-
Bladen CC	-	47.5	-	6.4	1.5	0.1	0.9	-	-
Blue Ridge CC	-	64.2	-	0.8	8.2	-	-	-	0.4
Brunswick CC	-	72.9	-	-	0.2	-	3.0	-	0.2
Caldwell CC & TI	11.3	46.0	1.7	-	-	-	-	-	-
Cape Fear CC	0.6	61.9	-	2.3	0.1	-	-	-	0.2
Carteret CC	-	39.0	0.2	1.6	0.3	-	-	2.2	0.2
Catawba Vy. CC	-	64.6	0.6	0.7	-	-	-	2.2	-
C. Carolina CC	-	68.3	-	2.3	4.0	-	-	-	-
C. Piedmont CC	14.5	46.7	2.7	0.5	0.3	0.2	0.3	-	0.3
Cleveland CC	0.7	58.9	-	0.7	4.6	-	-	-	-
Coastal Car. CC	20.2	40.3	0.1	1.5	6.7	-	0.5	-	0.1
Col. Albemarle	17.0	44.6	0.8	5.8	0.4	-	-	-	0.5
Craven CC**	5.1	61.8	0.4	7.0	-	-	-	-	-
Davidson Co. CC	20.0	40.6	0.1	1.4	-	-	0.5	-	-
Durham TCC	-	58.2	0.5	0.5	3.2	-	-	-	0.7
Edgecombe CC	3.3	57.7	-	4.5	1.1	-	-	-	-
Fayettev'le TCC	0.1	64.3	-	0.9	-	-	-	-	-
Forsyth TCC	-	54.6	1.0	6.6	2.1	-	0.4	4.6	0.3
Gaston Col.	19.4	47.8	0.6	0.7	1.0	0.3	-	-	-
Guilford TCC*	2.3	47.3	2.1	5.4	6.8	0.2	-	2.0	2.4
Halifax CC	13.3	43.0	3.2	0.3	0.9	-	-	2.3	0.9
Haywood CC	-	59.2	-	0.6	11.3	-	-	1.8	0.2
Isothermal CC**	34.1	32.2	1.7	3.4	2.6	-	0.7	1.2	-
J. Sprunt CC	-	61.1	0.2	1.8	-	-	-	-	-
Johnston CC	-	73.2	-	0.8	-	-	-	-	-
Lenoir CC*	27.6	39.1	-	1.6	0.1	-	0.9	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.1, Pitt CC - 0.1, Subtotal - <0.1

Table 14a

Instruction, Research & Public Service Subprograms

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	11.5	50.2	-	1.2	-	-	-	-	-
Mayland CC	-	56.3	-	1.6	-	-	-	-	6.5
McDowell CC	1.8	67.0	-	2.8	2.9	-	-	-	0.1
Mitchell CC	22.6	20.1	<0.1	11.8	2.9	-	-	-	-
Montgomery CC	-	70.9	-	-	-	-	-	-	-
Nash CC	-	55.3	0.9	0.1	6.2	0.7	0.8	1.0	-
Pamlico CC	-	57.9	-	-	-	-	-	-	0.8
Piedmont CC	-	43.9	0.5	1.1	1.2	-	-	-	16.7
Pitt CC*	5.1	53.5	0.4	1.8	1.8	-	-	-	-
Randolph CC	-	60.3	-	0.3	2.4	-	-	-	-
Richmond CC	-	65.8	0.8	4.4	1.5	0.3	-	-	-
Roanoke-Cho. CC	-	54.7	-	0.1	2.1	-	-	2.0	0.2
Robeson CC	-	61.0	-	1.0	-	-	-	-	-
Rockingham CC	35.3	30.3	-	0.9	0.1	-	-	-	-
Rowan-Cab. CC	-	64.2	-	-	2.6	-	-	-	-
Sampson CC	-	62.0	-	10.0	-	-	-	-	-
Sandhills CC	25.1	39.3	1.1	0.8	1.4	-	0.1	-	0.1
Southeastern CC	14.9	43.8	1.8	0.6	-	-	-	-	0.8
Southwestern CC	-	63.1	-	2.1	-	-	-	0.6	-
Stanly CC**	-	70.3	-	-	1.1	-	-	-	0.3
Surry CC	21.3	42.5	1.1	0.1	2.1	-	-	-	0.6
Tri-County CC	6.4	66.3	-	5.4	-	-	1.0	0.2	-
Vance-Granv. CC	4.9	50.0	0.8	4.1	2.1	-	-	-	0.3
Wake TCC	-	57.6	0.3	2.6	1.6	-	-	-	-
Wayne CC	11.6	61.8	1.2	1.5	-	-	-	-	-
W. Piedmont CC	22.3	33.7	-	3.4	1.3	-	-	-	0.1
Wilkes CC	14.1	32.0	-	0.6	-	-	-	-	-
Wilson Co. TC	-	55.7	4.9	0.3	3.8	-	0.7	-	1.1
TOTAL	7.8	52.4	0.7	2.2	2.0	<0.1	0.1	0.5	0.5

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.3, Stanly CC - 0.3, Subtotal - <0.1

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computer Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancillary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	4.1	-	0.2	0.7	<0.1	2.0	-	-
NC State Vet.	5.4	-	1.0	-	-	4.0	-	-
UNC-Chapel Hill	13.8	0.6	0.2	0.3	0.2	2.6	-	<0.1
UNC-Health Aff.	5.4	-	0.4	0.1	0.1	10.7	0.1	<0.1
SUBTOTAL	8.6	0.2	0.2	0.4	0.1	3.3	<0.1	<0.1
Other Doctoral Universities:								
UNC-Greensboro	8.0	0.8	1.0	0.9	1.2	0.4	-	-
Comprehensive Universities:								
Appalachian	6.0	1.2	0.5	0.2	0.5	1.9	0.1	0.1
East Carolina	6.3	0.4	0.1	<0.1	2.4	1.5	-	-
ECU-Health Aff.	11.4	-	0.4	-	0.5	3.0	-	-
Fayetteville	9.5	0.4	0.8	0.1	1.1	1.3	-	-
NC A & T	3.5	0.6	0.2	0.3	4.6	3.7	-	-
NC Central	8.9	0.4	0.5	0.7	1.1	2.9	-	-
UNC-Charlotte	5.4	0.1	0.6	0.5	-	2.5	-	-
UNC-Wilmington	15.2	-	-	0.1	-	2.1	-	0.1
West'n Carolina	7.8	0.6	0.4	0.2	4.1	1.5	-	-
SUBTOTAL	7.2	0.5	0.4	0.3	1.8	2.2	<0.1	<0.1
Gen. Baccalaureate Universities:								
Elizabeth City	6.1	0.1	0.1	0.4	0.9	1.0	-	-
Pembroke	4.8	1.5	0.8	0.2	-	0.8	-	-
UNC-Asheville	9.8	0.6	0.7	0.6	-	<0.1	-	-
Winston-Salem	4.7	0.7	0.3	0.5	0.4	2.4	-	-
SUBTOTAL	6.1	0.7	0.4	0.4	0.3	1.2	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	5.6	0.7	0.1	0.1	-	0.7	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.9	0.1	1.0	0.1	0.6	1.5	<0.1	<0.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	8.0	0.4	0.1	0.3	<0.1	3.1	-	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.2	0.4	0.3	0.1	0.3	0.4	-	<0.1
Junior Colleges:								
SUBTOTAL	6.2	0.4	-	0.1	-	0.4	-	-
GRAND TOTAL	7.3	0.4	0.4	0.3	0.6	1.9	<0.1	<0.1

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	6.6	-	0.8	-	3.4	0.8	-	-
Anson CC	13.5	-	0.5	-	-	4.2	-	-
Ashev'le-Bun. TCC	3.5	-	0.3	<0.1	-	1.4	-	-
Beaufort Co. CC	8.9	-	0.9	-	-	1.7	-	-
Bladen CC	7.8	-	0.5	-	-	1.1	-	-
Blue Ridge CC	5.2	-	0.9	-	-	1.1	-	-
Brunswick CC	1.5	-	-	-	-	1.7	-	-
Caldwell CC & TI	9.1	-	1.7	-	-	4.1	-	-
Cape Fear CC	10.4	-	2.6	-	-	0.9	-	-
Carteret CC	4.9	-	1.1	-	-	1.0	0.1	-
Catawba Vy. CC	7.3	0.3	1.1	-	-	2.1	-	-
C. Carolina CC	8.0	-	1.0	-	-	1.2	-	-
C. Piedmont CC	8.4	-	1.7	-	1.4	2.3	-	-
Cleveland CC	11.5	0.4	1.5	-	-	2.0	-	-
Coastal Car. CC	10.7	0.3	1.0	-	-	0.6	-	-
Col. Albemarle	9.6	0.8	0.7	-	-	1.7	-	-
Craven CC	11.6	-	1.8	-	-	1.4	-	-
Davidson Co. CC	12.3	-	2.0	0.3	2.5	2.0	-	-
Durham TCC	7.6	-	1.8	-	-	1.4	0.3	-
Edgecombe CC	10.3	-	1.2	0.3	-	2.0	-	-
Fayettev'le TCC	4.9	-	2.0	-	-	4.4	-	-
Forsyth TCC	5.7	-	0.6	0.3	-	2.0	-	-
Gaston Col.	4.9	0.3	-	0.4	1.6	0.7	-	-
Guilford TCC	8.3	-	0.9	-	-	1.3	0.1	-
Halifax CC	9.6	-	-	-	-	1.5	-	-
Haywood CC	4.1	0.2	0.9	-	2.2	0.5	-	-
Isothermal CC	5.9	-	0.7	-	2.0	0.9	-	-
J. Sprunt CC	5.7	-	0.2	-	-	1.1	-	0.3
Johnston CC	4.0	-	0.8	-	-	2.0	-	-
Lenoir CC	11.3	-	-	-	-	1.7	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	12.9	-	-	-	-	1.7	-	-
Mayland CC	7.1	-	-	-	-	0.3	-	-
McDowell CC	7.3	0.9	-	0.4	1.6	0.2	-	-
Mitchell CC	6.5	0.7	0.7	-	-	1.8	-	-
Montgomery CC	7.0	-	-	-	4.0	0.5	-	-
Nash CC	4.4	-	-	-	-	0.7	-	-
Pamlico CC	14.9	-	2.0	0.3	-	1.5	-	-
Piedmont CC	8.1	-	0.6	0.1	-	0.6	-	-
Pitt CC	15.1	-	2.3	-	3.4	1.6	-	-
Randolph CC	11.3	-	1.9	-	-	1.0	-	-
Richmond CC	7.8	-	0.4	-	-	0.3	-	-
Roanoke-Cho. CC	7.4	-	-	-	-	1.2	-	-
Robeson CC	7.8	-	0.4	-	-	1.1	-	-
Rockingham CC	9.3	0.8	0.6	-	-	1.5	-	-
Rowan-Cab. CC	10.8	-	0.8	-	-	1.7	-	-
Sampson CC	13.7	-	-	-	-	3.0	-	-
Sandhills CC	5.6	-	0.9	-	-	1.0	-	-
Southeastern CC	10.9	-	0.8	0.2	1.7	0.5	-	-
Southwestern CC	9.2	-	0.2	-	-	1.6	-	-
Stanly CC	5.7	-	-	-	-	1.0	-	-
Surry CC	9.3	-	1.1	-	-	0.3	-	-
Tri-County CC	7.4	-	-	-	-	0.5	-	-
Vance-Granv. CC	7.3	-	-	0.3	2.9	0.7	-	-
Wake TCC	4.2	-	1.7	0.4	-	1.0	-	-
Wayne CC	5.2	-	1.2	-	-	1.2	-	-
W. Piedmont CC	9.0	-	2.7	-	-	3.6	-	-
Wilkes CC	7.1	1.4	1.2	-	2.2	1.1	-	-
Wilson Co. TC	5.8	-	1.9	-	5.6	1.9	-	-
TOTAL	7.9	0.1	1.0	0.1	0.6	1.5	<0.1	<0.1

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are defined as those costing in excess of $10,000.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	0.1	2.9	0.2	0.1	28.1	3.5	0.3	0.4	0.9	<0.1	0.5	0.1
NC State Vet	-	0.1	-	-	3.2	-	-	-	0.3	0.2	-	-
UNC-Chapel Hill	0.1	2.2	0.2	0.1	29.1	7.4	0.7	0.2	0.8	0.2	0.5	0.2
UNC-Health Aff.	0.1	<0.1	<0.1	<0.1	0.4	-	-	-	-	0.3	-	-
SUBTOTAL	0.1	2.2	0.2	0.1	24.7	4.7	0.5	0.3	0.7	0.1	0.5	0.1
Other Doctoral Universities:												
UNC-Greensboro	0.3	4.1	0.4	0.1	36.5	-	0.9	0.8	0.4	-	0.1	-
Comprehensive Universities:												
Appalachian	0.3	8.7	0.3	0.1	38.4	1.3	0.8	1.7	0.8	<0.1	0.5	-
East Carolina	0.1	5.8	0.3	0.1	42.1	1.3	-	0.3	1.0	0.1	-	-
ECU-Health Aff.	-	-	-	-	-	-	2.5	<0.1	1.5	-	-	-
Fayetteville	0.2	6.1	0.3	0.3	31.1	1.1	0.7	-	1.8	-	-	0.6
NC A & T	0.2	4.4	0.7	0.2	29.4	1.2	0.4	0.3	0.9	<0.1	0.1	<0.1
NC Central	0.1	5.5	0.5	0.3	31.9	3.3	0.5	0.1	0.5	-	-	0.1
UNC-Charlotte	0.2	4.2	0.4	0.1	44.2	0.3	0.6	0.2	0.7	0.1	-	-
UNC-Wilmington	0.5	5.0	0.5	0.3	31.9	6.3	0.2	0.5	1.1	-	0.2	-
West'n Carolina	0.1	6.5	0.3	0.1	34.3	2.5	0.4	0.4	0.8	0.3	<0.1	-
SUBTOTAL	0.2	5.7	0.4	0.2	35.2	1.8	0.5	0.5	0.9	0.1	0.1	<0.1
Gen. Baccalaureate Universities:												
Elizabeth City	0.3	5.4	0.3	0.5	35.2	1.8	0.9	0.8	0.6	-	-	-
Pembroke	0.1	10.5	0.6	0.2	28.8	0.2	0.6	0.5	1.0	<0.1	-	0.2
UNC-Asheville	0.2	4.4	0.6	0.3	36.6	1.9	0.4	0.2	1.3	0.4	0.4	0.3
Winston-Salem	0.6	5.7	0.3	0.7	30.8	2.0	0.5	0.2	1.3	-	0.2	-
SUBTOTAL	0.3	6.5	0.4	0.4	32.6	1.5	0.6	0.4	1.0	0.1	0.1	0.1
Specialized Institution:												
NC Sch. of Arts	0.3	5.7	0.1	0.3	25.5	-	0.7	0.2	0.7	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	<0.1	-	-	-
Community Colleges:												
SUBTOTAL	0.4	3.9	0.9	0.2	4.9	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.7	0.1	0.1	25.7	3.1	0.1	0.4	1.0	0.2	0.4	0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.2	8.1	0.2	0.1	38.7	2.0	0.6	0.2	1.5	0.1	<0.1	<0.1
Junior Colleges:												
SUBTOTAL	0.3	7.2	0.1	0.1	41.6	1.6	0.7	0.5	1.5	0.1	<0.1	<0.1
GRAND TOTAL	0.2	4.9	0.3	0.1	27.8	2.2	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp Grounds Maint. 75
Community Colleges:												
Alamance CC	0.4	0.2	0.2	0.4	5.8	-	-	0.5	2.0	-	-	-
Anson CC	0.4	5.4	-	0.2	4.7	-	-	-	5.1	-	-	-
Ashev'le-Bun. TCC	0.1	1.0	0.2	0.1	2.9	-	-	0.3	0.7	0.2	-	0.3
Beaufort Co. CC	0.4	7.7	0.9	0.3	4.1	-	-	-	4.3	-	-	-
Bladen CC	0.9	17.7	0.4	-	1.5	-	-	-	4.9	-	-	-
Blue Ridge CC	0.2	4.9	0.6	0.1	0.5	-	-	-	6.8	-	-	2.0
Brunswick CC	0.7	-	0.1	0.1	2.3	-	-	-	0.6	-	-	-
Caldwell CC & TI	0.1	10.4	1.1	0.1	5.2	-	-	-	0.1	-	-	0.1
Cape Fear CC	1.0	3.7	1.5	0.2	5.0	-	-	-	-	-	-	-
Carteret CC	0.6	1.8	0.1	0.1	3.1	-	-	0.2	0.2	-	-	-
Catawba Vy. CC	0.2	4.3	2.0	0.1	3.1	-	-	-	-	-	-	-
C. Carolina CC	0.3	0.6	0.8	0.1	5.7	-	<0.1	3.3	-	-	-	-
C. Piedmont CC	0.5	2.8	2.0	0.3	4.8	-	-	0.4	1.3	<0.1	-	<0.1
Cleveland CC	1.0	4.0	0.1	0.1	3.2	-	-	0.1	2.0	-	-	0.8
Coastal Car. CC	0.1	2.3	1.9	0.1	5.9	-	-	-	2.4	-	-	-
Col. Albemarle	1.4	6.3	0.5	0.3	1.8	-	-	-	1.7	-	-	-
Craven CC	0.2	0.1	1.1	0.2	3.8	-	-	-	-	-	-	-
Davidson CC	0.2	2.3	1.0	0.1	4.9	-	0.1	0.1	3.7	-	-	-
Durham TCC	0.1	2.0	1.2	-	5.9	-	-	-	2.5	0.1	-	0.7
Edgecombe CC	0.5	9.9	0.8	0.2	1.1	-	-	-	0.3	-	-	-
Fayettev'le TCC	0.7	6.7	1.6	-	5.2	-	0.1	-	2.4	0.5	-	-
Forsyth TCC	-	2.5	0.7	0.1	7.3	-	-	0.2	1.7	-	-	-
Gaston Col.	0.3	6.5	0.6	0.2	5.1	-	0.1	-	<0.1	-	-	-
Guilford TCC	0.2	4.9	0.7	0.1	4.7	-	<0.1	-	1.6	<0.1	-	-
Halifax CC	0.2	5.7	2.0	0.1	8.6	-	-	0.1	3.0	-	-	-
Haywood CC	0.1	0.4	-	<0.1	3.9	-	-	<0.1	0.7	<0.1	-	2.6
Isothermal CC	0.4	3.5	0.4	-	4.0	-	-	0.1	1.0	0.1	-	-
J. Sprunt CC	1.4	4.6	1.5	0.6	9.9	-	-	-	4.4	-	-	-
Johnston CC	0.6	1.4	0.5	0.1	7.0	-	-	-	4.3	<0.1	-	-
Lenoir CC	0.1	2.3	0.3	0.3	4.1	1.5	-	-	0.3	-	-	-
Martin CC	0.4	6.7	0.5	0.1	5.0	-	-	0.2	3.1	-	-	-
Mayland CC	-	-	0.6	0.2	5.7	-	-	-	-	-		
McDowell CC	0.6	-	0.8	0.2	3.6	-	0.2	-	0.5	-	-	2.5
Mitchell CC	0.2	9.1	1.2	0.3	6.4	-	-	-	0.7	-	-	-
Montgomery CC	0.2	3.8	0.6	0.2	4.7	-	-	-	-	-	-	-
Nash CC	0.3	0.3	1.5	0.1	2.6	-	-	0.2	0.6	0.1	-	-
Pamlico CC	1.1	-	1.1	-	7.0	-	-	-	4.0	-	-	-
Piedmont CC	1.3	0.3	-	-	5.9	-	-	-	3.9	-	-	-
Pitt CC	1.4	<0.1	0.5	0.3	3.3	<0.1	-	-	0.9	0.3	-	-
Randolph CC	1.0	2.6	1.8	0.1	6.6	-	-	-	0.8	-	-	-
Richmond CC	0.2	4.9	0.3	0.2	3.8	-	0.1	-	1.9	-	-	-
Roanoke-Cho. CC	0.3	2.4	0.6	0.1	4.8	-	-	-	-	-	-	5.0
Robeson CC	0.6	0.5	1.7	0.5	7.5	-	-	-	0.1	-	-	-
Rockingham CC	0.4	5.8	0.4	0.2	3.9	-	-	0.1	0.7	-	-	0.3
Rowan-Cab. CC	0.5	-	0.1	0.1	8.8	-	-	-	4.4	-	-	-
Sampson CC	0.2	-	0.2	0.1	3.1	-	-	-	-	-	-	-
Sandhills CC	0.1	1.3	0.6	0.2	10.1	-	-	-	2.8	0.2	0.1	0.6
Southeastern CC	0.5	3.9	1.7	0.2	6.2	-	-	0.4	0.7	-	-	-
Southwestern CC	0.9	5.8	0.4	0.4	6.0	-	-	-	3.3	-	-	-
Stanly CC	0.1	8.0	1.5	0.1	1.3	-	-	0.1	0.1	-	-	-
Surry CC	0.1	3.3	1.8	0.1	8.3	-	-	0.1	2.6	-	-	-
Tri-County CC	1.0	2.4	0.2	0.1	2.8	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	-	1.6	0.3	5.5	-	-	-	1.0	-	-	-
Wake TCC	0.4	2.6	2.2	<0.1	5.1	-	0.2	0.1	4.0	-	-	0.3
Wayne CC	1.5	2.5	1.3	0.1	4.1	-	0.4	-	0.3	-	-	-
W. Piedmont CC	1.0	5.1	0.7	0.1	6.1	-	0.1	0.2	3.3	-	-	1.3
Wilkes CC	0.1	21.9	0.7	0.1	3.1	-	-	0.1	0.5	0.2	-	-
Wilson Co. TC	0.4	1.8	0.7	0.1	3.2	-	0.2	0.1	0.6	-	-	-
SUBTOTAL	0.4	3.9	0.9	0.2	4.9	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.2

TABLE 14d:

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Table 14d

Institutional Administration, Independent Operations & Unassigned Subprograms

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns Inst. 91	Indep. Opns Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Major Research Universities:												
NC State	0.1	0.7	2.1	0.2	0.2	0.2	0.1	0.1	0.3	0.3	<0.1	0.2
NC State Vet	-	-	1.5	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.2	0.3	0.6	0.4	0.1	0.2	2.8	1.7	0.4	1.0
UNC-Health Aff.	-	-	0.2	0.2	<0.1	0.1	0.1	<0.1	1.2	3.0	1.4	0.1
SUBTOTAL	0.2	0.6	2.3	0.3	0.4	0.3	0.1	0.1	1.5	1.3	0.3	0.5
Other Doctoral Universities:												
UNC-Greensboro	0.6	0.4	4.8	0.3	0.3	0.7	0.2	-	-	-	<0.1	6.2
Comprehensive Universities:												
Appalachian	0.5	0.4	2.1	0.6	0.5	0.3	0.2	0.3	-	0.1	0.4	0.2
East Carolina	0.3	0.2	2.0	0.5	0.3	0.6	0.1	0.2	-	-	0.5	-
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.4	1.1	3.2	-	2.2	0.2	0.1	0.3	<0.1	0.3	6.1	-
NC A & T	1.2	1.0	1.1	0.1	0.9	0.3	0.1	0.1	-	0.6	1.3	1.0
NC Central	0.7	0.5	2.3	0.7	1.0	0.2	0.2	0.1	-	0.1	1.1	0.3
UNC-Charlotte	0.8	0.6	2.3	0.3	0.4	0.2	0.3	0.1	-	-	-	-
UNC-Wilmington	0.9	1.1	2.7	0.4	1.1	0.3	0.4	0.3	-	0.3	0.1	1.0
West'n Carolina	0.8	0.4	1.2	0.3	3.6	0.5	0.2	0.2	-	2.6	0.3	1.1
SUBTOTAL	0.7	0.6	1.9	0.4	1.1	0.3	0.2	0.2	<0.1	0.5	0.8	0.4
Gen. Baccalaureate Universities:												
Elizabeth City	1.3	0.8	2.6	0.4	3.7	0.5	0.2	0.3	-	0.2	0.6	3.7
Pembroke	0.8	0.5	2.6	0.8	1.9	0.6	0.4	0.3	-	-	1.4	3.4
UNC-Asheville	1.1	0.8	2.9	0.2	1.5	0.5	0.3	0.4	-	0.7	-	0.3
Winston-Salem	0.9	0.9	2.3	-	2.1	0.5	0.3	0.7	-	0.1	5.4	2.3
SUBTOTAL	1.0	0.7	2.6	0.3	2.4	0.5	0.3	0.4	-	0.2	2.1	2.5
Specialized Institution:												
NC Sch. of Arts	0.9	0.3	1.2	0.1	2.9	0.6	0.3	0.2	-	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	<0.1	-	-	-	-	-	-	-	1.7	-
Community Colleges:												
SUBTOTAL	1.4	1.0	3.5	0.3	0.6	0.2	0.3	0.6	0.1	0.4	0.8	0.7
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.3	0.4	2.8	0.3	1.2	0.6	0.2	0.1	1.0	2.1	<0.1	<0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.5	2.2	0.2	6.0	0.7	0.4	0.2	0.3	0.5	0.9	0.9
Junior Colleges:												
SUBTOTAL	0.6	0.4	2.3	<0.1	7.5	0.8	0.4	0.2	-	-	0.6	0.1
GRAND TOTAL	0.7	0.6	2.5	0.3	2.1	0.4	0.3	0.2	0.5	0.8	0.6	0.8

Table 14d

Institutional Administration, Independent Operations & Unassigned Subprograms

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns		Unassigned	
									Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.7	0.8	2.3	-	1.0	0.2	0.2	0.5	-	-	-	-
Anson CC	2.3	1.4	3.4	0.2	-	-	-	-	-	-	2.5	-
Ashev'le-Bun. TCC	1.5	1.0	8.2	0.2	0.2	-	0.2	0.4	-	-	-	0.5
Beaufort Co. CC	1.9	1.0	3.7	-	0.4	0.1	0.2	0.9	-	-	-	
Bladen CC	2.6	0.9	3.4	0.2	0.1	0.2	-	0.2	-	1.0	-	0.2
Blue Ridge CC	1.0	2.1	0.3	-	-	0.1	-	0.5	-	-	-	-
Brunswick CC	1.5	1.0	6.0	-	-	0.3	0.9	-	-	-	2.0	4.9
Caldwell CC & TI	0.9	1.2	4.8	0.3	-	0.3	1.1	0.3	-	-	-	-
Cape Fear CC	1.2	2.4	4.3	0.4	-	0.2	-	0.8	-	0.3	-	-
Carteret CC	1.1	0.6	14.4	0.3	0.2	-	-	0.2	-	13.1	-	13.6
Catawba Vy. CC	0.7	1.2	7.1	-	0.6	0.1	-	0.9	-	-	-	0.9
C. Carolina CC	1.5	1.1	0.7	-	0.2	-	-	1.0	-	-	-	-
C. Piedmont CC	0.8	0.8	2.3	0.4	1.5	0.6	0.5	1.7	-	-	<0.1	0.1
Cleveland CC	2.0	0.7	3.5	-	0.5	0.5	0.1	0.3	-	-	0.8	-
Coastal Car. CC	1.1	1.0	1.7	0.1	0.6	0.1	0.1	0.5	-	-	-	-
Col. Albemarle	1.5	1.1	2.3	0.3	0.1	0.2	0.2	0.3	-	-	-	-
Craven CC	1.2	1.4	1.6	-	0.3	0.5	-	0.4	-	-	-	-
Davidson CC	1.4	0.6	1.1	0.3	1.5	0.3	0.2	0.5	-	-	-	-
Durham TCC	1.5	1.4	2.9	1.6	0.6	0.4	2.0	0.1	-	-	-	2.9
Edgecombe CC	2.2	0.8	2.1	-	0.3	-	0.6	0.6	-	-	0.3	-
Fayettev'le TCC	1.1	1.6	2.5	0.6	0.1	0.3	<0.1	0.1	-	-	-	-
Forsyth TCC	1.7	0.6	0.9	-	0.3	0.1	0.7	0.5	-	-	4.4	0.1
Gaston Col.	1.5	0.6	3.9	-	0.2	0.1	0.3	0.2	-	-	2.7	-
Guilford TCC	1.6	0.7	3.1	0.4	1.5	0.2	0.3	0.6	0.3	-	<0.1	-
Halifax CC	0.3	0.4	2.4	0.4	0.6	-	0.3	1.0	-	-	-	-
Haywood CC	0.7	0.4	1.1	0.1	0.2	-	0.2	0.1	0.5	8.0	-	-
Isothermal CC	2.1	1.3	0.5	0.1	0.1	0.2	0.2	0.3	-	-	-	-
J. Sprunt CC	1.6	1.8	2.1	-	-	0.7	0.1	1.0	-	-	-	-
Johnston CC	0.9	1.1	2.3	0.2	0.3	-	0.1	0.3	-	-	-	-
Lenoir CC	0.7	1.6	5.1	0.2	0.5	-	0.4	0.5	-	-	-	-
Martin CC	0.9	0.9	2.1	1.3	0.3	-	-	0.4	-	0.5	-	-
Mayland CC	3.0	1.6	1.8	0.5	-	-	-	0.4	-	-	-	14.4
McDowell CC	1.3	1.9	2.8	0.3	0.1	0.2	-	0.1	-	-	-	-
Mitchell CC	0.6	0.7	3.0	-	0.9	1.0	0.2	0.8	-	0.1	8.0	-
Montgomery CC	2.5	1.7	3.1	-	-	-	0.2	0.6	-	-	-	-
Nash CC	1.7	1.0	3.1	0.4	0.5	0.1	-	0.7	-	-	5.2	11.7
Pamlico CC	2.7	3.0	3.1	0.2	-	-	-	0.3	-	-	-	-
Piedmont CC	3.3	1.5	6.4	0.2	2.7	0.4	-	0.7	-	-	0.7	-
Pitt CC	0.5	1.1	2.5	0.5	0.7	0.1	0.1	0.7	-	-	-	3.9
Randolph CC	1.7	0.9	5.0	0.2	0.8	0.2	-	1.0	-	-	-	-
Richmond CC	2.2	1.0	2.6	0.2	0.1	0.6	-	0.6	-	-	-	-
Roanoke-Cho. CC	1.7	1.1	4.0	0.4	0.1	0.3	-	0.3	-	0.5	10.5	-
Robeson CC	0.9	0.8	6.1	0.6	1.2	0.3	1.6	0.7	-	-	5.7	-
Rockingham CC	1.1	1.1	3.3	0.9	0.8	0.4	0.5	0.5	-	<0.1	0.5	0.3
Rowan-Cab. CC	1.2	0.8	1.9	1.2	0.6	-	0.2	0.2	-	-	-	-
Sampson CC	1.3	1.5	2.8	0.3	-	-	0.1	1.1	-	-	0.4	-
Sandhills CC	1.4	0.3	2.5	0.5	3.4	0.1	0.2	0.3	-	-	-	-
Southeastern CC	0.9	1.4	4.1	0.2	-	0.4	0.4	0.6	-	-	2.4	-
Southwestern CC	1.7	0.9	3.1	-	-	0.4	-	0.4	-	-	-	-
Stanly CC	3.3	1.3	1.0	0.2	-	0.5	0.5	0.7	-	-	2.2	-
Surry CC	0.7	1.1	2.0	0.4	0.6	0.1	0.1	0.1	-	-	-	-
Tri-County CC	1.1	0.8	3.9	0.1	0.1	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.7	1.2	11.3	-	0.3	1.0	2.1	0.6	-	-	-	-
Wake TCC	2.2	0.7	6.1	0.4	1.4	0.3	0.4	0.9	-	-	0.6	2.8
Wayne CC	1.4	1.4	1.8	0.4	-	0.2	-	1.1	-	-	-	-
W. Piedmont CC	1.3	0.9	2.3	0.7	-	0.3	0.1	0.6	-	-	-	-
Wilkes CC	1.7	1.1	6.0	0.2	0.1	0.1	0.4	0.1	4.0	-	-	-
Wilson Co. TC	2.2	1.8	5.9	-	0.4	0.2	<0.1	1.0	-	-	-	-
SUBTOTAL	1.4	1.0	3.5	0.3	0.6	0.2	0.3	0.6	0.1	0.4	0.8	0.7

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sum of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Code	Norm	All N. C. Institutions 1987
Classroom (Series 100)	8.0	7.7
Laboratory (Series 200)	14.5	15.1
Office (Series 300)	13.0	15.9
Study (Series 400)	6.8	7.7
Special Use (Series 500)	8.9	9.2
General Use (Series 600)	12.0	12.4
Supporting (Series 700)	6.5	4.6
Health Care (Series 800)	1.4	2.6
Residential (Series 900)	26.7	23.7
Unclassified (Series 000)	2.2	1.2

ROOM CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

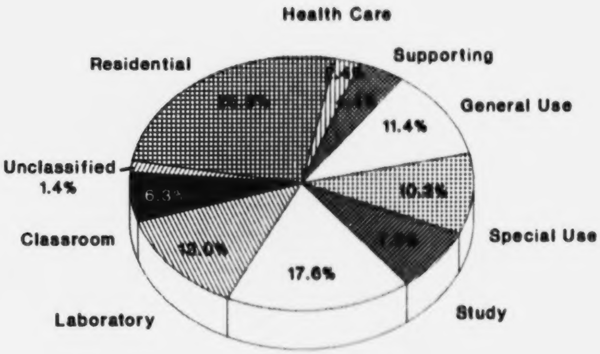
700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Store
760 Central Laundry

800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

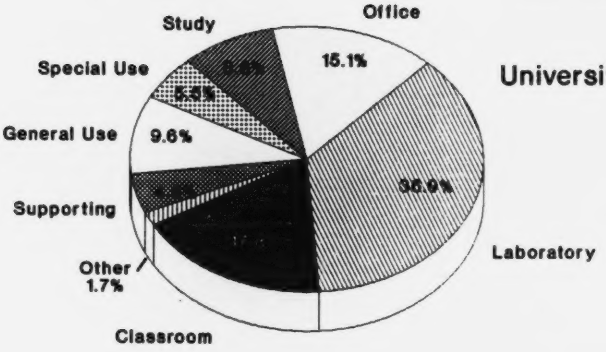
900 Residential Facilities
910 Sleep/Study without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities
050 Inactive Area
060 Alteration Area
070 Unfinished Area

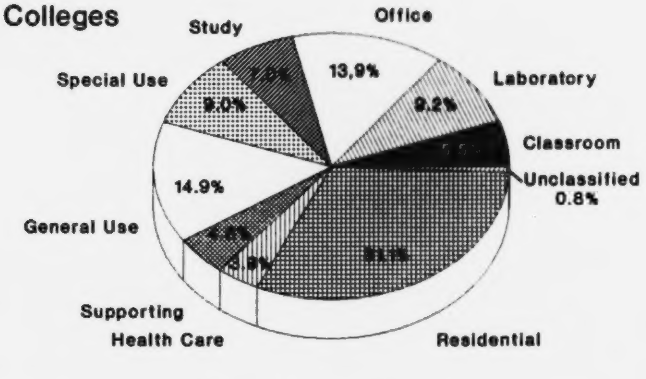
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

Table 15

Assignable Area by Room Codes

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Major Research Universities:									
NC State	4,150,624	208,770	5.0	839,465	20.2	798,100	19.2	165,779	4.0
NC State Vet	222,776	7,724	3.5	48,281	21.7	31,642	14.2	13,269	6.0
UNC-Chapel Hill	4,526,444	218,299	4.8	358,682	7.9	753,504	16.6	626,579	13.8
UNC-Health Aff.	1,210,480	55,877	4.6	419,518	34.7	444,626	36.7	64,885	5.4
SUBTOTAL	10,110,324	490,670	4.9	1,665,946	16.5	2,027,872	20.1	870,512	8.6
Other Doctoral Universities:									
UNC-Greensboro	1,718,596	122,488	7.1	153,415	8.9	289,962	16.9	146,881	8.5
Comprehensive Universities:									
Appalachian	1,878,216	139,586	7.4	130,584	7.0	278,944	14.9	108,511	5.8
East Carolina	1,893,980	144,639	7.6	245,735	13.0	254,862	13.5	128,809	6.8
ECU-Health Aff.	406,772	33,995	8.4	133,716	32.9	108,249	26.6	39,243	9.6
Fayetteville	558,299	38,591	6.9	56,347	10.1	77,683	13.9	78,755	14.1
NC A & T	1,428,304	129,654	9.1	214,844	15.0	245,668	17.2	56,590	4.0
NC Central	1,013,076	107,625	10.6	85,950	8.5	166,336	16.4	107,266	10.6
UNC-Charlotte	1,476,259	91,790	6.2	210,696	14.3	231,323	15.7	105,210	7.1
UNC-Wilmington	807,762	52,888	6.5	71,193	8.8	134,395	16.6	114,762	14.2
West'n Carolina	1,530,565	97,723	6.4	127,980	8.4	208,633	13.6	117,888	7.7
SUBTOTAL	10,993,233	836,491	7.6	1,277,045	11.6	1,706,083	15.5	867,034	7.8
Gen. Baccalaureate Universities:									
Elizabeth City	525,771	27,038	5.1	38,871	7.4	68,300	13.0	36,234	6.9
Pembroke	477,222	47,066	9.9	34,175	7.2	63,708	13.3	29,474	6.2
UNC-Asheville	388,240	24,838	6.4	39,356	10.1	57,476	14.8	39,928	10.3
Winston-Salem	579,028	61,773	10.7	44,560	7.7	90,355	15.6	32,247	5.6
SUBTOTAL	1,970,261	160,715	8.2	156,962	8.0	279,839	14.2	137,883	7.0
Specialized Institution:									
NC Sch. of Arts	322,725	14,300	4.4	102,365	31.7	43,950	13.6	18,631	5.8
Teaching Hospital:									
N. C. Mem. Hosp.	688,854	-	-	820	0.1	203,853	29.6	4,037	0.6
Community Colleges:									
SUBTOTAL	7,576,436	1,348,795	17.8	2,795,051	36.9	1,144,520	15.1	649,626	8.6
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	7,181,257	242,514	3.4	899,360	12.5	1,483,304	20.7	564,292	7.9
Gen. Baccalaureate Colleges:									
SUBTOTAL	10,300,362	698,121	6.8	730,185	7.1	1,044,003	10.1	666,473	6.5
Junior Colleges:									
SUBTOTAL	1,568,420	113,079	7.2	114,270	7.3	117,988	7.5	96,311	6.1
GRAND TOTAL	52,430,468	4,027,173	7.7	7,895,419	15.1	8,341,374	15.9	4,011,680	7.7

Table 15

Assignable Area by Room Codes

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Major Research Universities:
567,281	13.7	369,678	8.9	209,851	5.1	10,462	0.3	974,795	23.5	6,443	0.2	NC State
50,536	22.7	11,080	5.0	7,321	3.3	52,923	23.8	-	-	-	-	NC State Vet
525,473	11.6	537,141	11.9	266,358	5.9	19,851	0.4	1,157,961	25.6	62,596	1.4	UNC-Chapel Hill
65,432	5.4	46,076	3.8	31,735	2.6	63,571	5.3	430	<0.1	18,330	1.5	UNC-Health Aff.
1,208,722	12.0	963,975	9.5	515,265	5.1	146,807	1.5	2,133,186	21.1	87,369	0.9	SUBTOTAL
												Other Doctoral Universities:
55,257	3.2	248,319	14.4	93,754	5.5	10,207	0.6	491,986	28.6	106,327	6.2	UNC-Greensboro
												Comprehensive Universities:
200,087	10.7	302,847	16.1	97,162	5.2	11,973	0.6	605,188	32.2	3,334	0.2	Appalachian
148,614	7.8	187,193	9.9	59,415	3.1	-	-	724,723	38.3	-	-	East Carolina
31,000	7.6	9,358	2.3	15,994	3.9	35,217	8.7	-	-	-	-	ECU-Health Aff.
46,571	8.3	72,601	13.0	28,127	5.0	3,891	0.7	145,582	26.1	10,151	1.8	Fayetteville
198,011	13.9	162,911	11.4	32,105	2.2	6,016	0.4	350,851	24.6	31,654	2.2	NC A & T
135,295	13.4	109,108	10.8	31,895	3.1	4,727	0.5	256,880	25.4	7,994	0.8	NC Central
102,730	7.0	192,726	13.1	34,794	2.4	6,779	0.5	500,211	33.9	-	-	UNC-Charlotte
103,499	12.8	82,969	10.3	24,396	3.0	1,219	0.2	214,301	26.5	8,140	1.0	UNC-Wilmington
196,132	12.8	221,796	14.5	46,601	3.0	4,231	0.3	492,945	32.2	16,636	1.1	West'n Carolina
1,161,939	10.6	1,341,509	12.2	370,489	3.4	74,053	0.7	3,290,681	29.9	77,909	0.7	SUBTOTAL
												Gen. Baccalaureate Universities:
68,216	13.0	83,562	15.9	14,543	2.8	4,862	0.9	163,501	31.1	20,644	3.9	Elizabeth City
63,478	13.3	86,494	18.1	16,936	3.5	2,820	0.6	110,265	23.1	22,806	4.8	Pembroke
34,098	8.8	58,142	15.0	17,657	4.5	990	0.3	114,588	29.5	1,167	0.3	UNC-Asheville
64,747	11.2	90,048	15.6	18,467	3.2	2,500	0.4	138,259	23.9	36,072	6.2	Winston-Salem
230,539	11.7	318,246	16.2	67,603	3.4	11,172	0.6	526,613	26.7	80,689	4.1	SUBTOTAL
												Specialized Institution:
7,795	2.4	38,583	12.0	23,063	7.1	1,814	0.6	72,224	22.4	-	-	NC Sch. of Arts
												Teaching Hospital:
1,692	0.2	43,654	6.3	53,161	7.7	378,128	54.9	3,509	0.5	-	-	N. C. Mem. Hosp.
												Community Colleges:
418,142	5.5	728,122	9.6	362,264	4.8	2,074	<0.1	13,048	0.2	114,794	1.5	SUBTOTAL
												Major Research Universities:
452,705	6.3	766,379	10.7	468,218	6.5	692,604	9.6	1,611,184	22.4	697	<0.1	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,102,925	10.7	1,900,419	17.5	379,441	3.7	49,269	0.5	3,686,154	35.8	143,372	1.4	SUBTOTAL
												Junior Colleges:
163,826	10.4	262,597	16.7	60,043	3.8	8,941	0.6	621,010	39.6	10,355	0.7	SUBTOTAL
4,803,542	9.2	6,511,803	12.4	2,393,301	4.6	1,375,069	2.6	12,449,595	23.7	621,512	1.2	GRAND TOTAL

Table 15

Assignable Area by Room Codes

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	106,000	19,622	18.5	46,254	43.6	14,241	13.4	8,290	7.8
Anson CC	51,500	7,116	13.8	19,037	37.0	8,916	17.3	6,624	12.9
Ashev'le-Bun. TCC	214,388	52,664	24.6	76,956	35.9	32,784	15.3	9,200	4.3
Beaufort Co. CC	99,469	18,695	18.8	34,616	34.8	17,195	17.3	8,491	8.5
Bladen CC	71,400	6,498	9.1	30,902	43.3	8,002	11.2	5,240	7.3
Blue Ridge CC	89,422	12,310	13.8	45,048	50.4	10,043	11.2	4,517	5.1
Brunswick CC	61,950	11,707	18.9	25,072	40.5	7,509	12.1	8,210	13.3
Caldwell CC & TI	128,520	20,488	15.9	43,969	34.2	19,208	14.9	12,941	10.1
Cape Fear CC	136,896	15,172	11.1	60,524	44.2	28,070	20.5	13,123	9.6
Carteret CC	126,685	13,336	10.5	37,111	29.3	9,999	7.9	6,367	5.0
Catawba Vy. CC	161,722	31,448	19.4	63,935	39.5	22,817	14.1	14,597	9.0
C. Carolina CC	121,746	22,280	18.3	57,232	47.0	17,912	14.7	8,533	7.0
C. Piedmont CC	479,104	85,884	17.9	160,310	33.5	84,474	17.6	57,192	11.9
Cleveland CC	120,448	21,316	17.7	48,890	40.6	18,127	15.0	13,183	10.9
Coastal Car. CC	155,551	27,339	17.6	64,635	41.6	23,399	15.0	15,293	9.8
Col. Albemarle	94,999	14,879	15.7	38,817	40.9	15,899	16.7	11,415	12.0
Craven CC	91,657	18,807	20.5	39,027	42.6	12,464	13.6	14,418	15.7
Davidson CC	145,065	28,648	19.7	43,869	30.2	22,653	15.6	16,094	11.1
Durham TCC	156,672	26,017	16.6	57,966	37.0	28,754	18.4	13,445	8.6
Edgecombe CC	93,163	21,352	22.9	30,233	32.5	15,939	17.1	10,849	11.6
Fayettev'le TCC	233,758	53,078	22.7	76,191	32.6	46,578	19.9	11,864	5.1
Forsyth TCC	284,269	60,683	21.3	100.242	35.3	39,394	13.9	20,172	7.1
Gaston Col.	192,544	38,829	20.2	74,398	38.6	30,471	15.8	9,772	5.1
Guilford TCC	370,642	68,468	18.5	136,360	36.8	54,753	14.8	32,186	8.7
Halifax CC	88,204	14,098	16.0	34,589	39.2	12,066	13.7	10,541	12.0
Haywood CC	183,400	16,488	9.0	99,069	54.0	18,187	9.9	7,038	3.8
Isothermal CC	142,366	27,130	19.1	45,666	32.1	17,477	12.3	10,963	7.7
J. Sprunt CC	86,591	10,929	12.6	34,535	39.9	19,525	22.5	4,336	5.0
Johnston CC	104,404	17,920	17.2	45,619	43.7	12,531	12.0	4,880	4.7
Lenoir CC	150,738	27,558	18.3	48,668	32.3	21,198	14.1	17,138	11.4
Martin CC	110,951	19,428	17.5	41,278	37.2	12,169	11.0	13,448	12.1
Mayland CC	45,197	6,298	13.9	14,258	31.5	9,617	21.3	3,226	7.1
McDowell CC	69,553	16,848	24.2	30,264	43.5	10,059	14.5	4,962	7.1
Mitchell CC	181,016	35,257	19.5	47,337	26.2	19,854	11.0	14,722	8.1
Montgomery CC	46,643	6,280	13.5	23,859	51.2	6,689	14.3	2,909	6.2
Nash CC	89,147	27,129	30.4	25,947	29.1	12,580	14.1	3,533	4.0
Pamlico CC	28,725	4,363	15.2	11,183	38.9	4,488	15.6	3,916	13.6
Piedmont CC	87,666	10,504	12.0	24,784	28.3	12,833	14.6	6,684	7.6
Pitt CC	134,475	24,355	18.1	45,248	33.6	21,532	16.0	19,711	14.7
Randolph CC	133,871	20,809	15.5	55,221	41.2	21,157	15.8	12,034	9.0
Richmond CC	88,748	15,396	17.3	40,176	45.3	13,598	15.3	7,229	8.1
Roanoke-Cho. CC	83,752	16,364	19.5	29,686	35.4	11,268	13.5	6,896	8.2
Robeson CC	126,497	25,127	19.9	45,380	35.9	21,414	16.9	9,488	7.5
Rockingham CC	157,282	21,543	13.7	48,503	30.8	20,800	13.2	14,550	9.3
Rowan-Cab. CC	146,324	31,233	21.3	50,533	34.5	18,774	12.8	15,798	10.8
Sampson CC	73,496	14,287	19.4	27,366	37.2	13,426	18.3	12,640	17.2
Sandhills CC	156,515	24,610	15.7	52,777	33.7	25,714	16.4	11,600	7.4
Southeastern CC	120,029	19,924	16.6	36,210	30.2	20,318	16.9	13,095	10.9
Southwestern CC	88,395	17,626	19.9	32,697	37.0	13,472	15.2	9,180	10.4
Stanly CC	72,537	17,672	24.4	28,915	39.9	11,953	16.5	4,443	6.1
Surry CC	123,249	20,723	16.8	38,756	31.4	14,264	11.6	11,101	9.0
Tri-County CC	73,119	15,303	20.9	39,633	54.2	7,096	9.7	5,226	7.1
Vance-Granv. CC	95,005	17,251	18.2	34,982	36.8	16,674	17.6	7,032	7.4
Wake TCC	197,079	32,451	16.5	67,796	34.4	36,894	18.7	12,320	6.3
Wayne CC	131,809	25,969	19.7	60,258	45.7	23,074	17.5	6,838	5.2
W. Piedmont CC	103,760	14,022	13.5	36.440	35.1	17,220	16.6	10,442	10.1
Wilkes CC	148,803	23,102	15.5	32,593	21.9	17,037	11.4	9,588	6.4
Wilson Co. TC	119,520	14,162	11.8	53,232	44.5	19,961	16.7	10,103	8.5
SUBTOTAL	7,576,436	1,348,795	17.8	2,795,051	36.9	1,144,520	15.1	649,626	8.6

Table 15

Assignable Area by Room Codes

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
4,101	3.9	8,746	8.3	4,119	3.9	-	-	627	0.6	-	-	Alamance CC
240	0.5	4,416	8.6	4,029	7.8	-	-	-	-	1,122	2.2	Anson CC
14,651	6.8	8,885	4.1	18,098	8.4	-	-	-	-	1,150	0.5	Ashev'le-Bun. TCC
940	0.9	12,676	12.7	6,856	6.9	-	-	-	-	-	-	Beaufort Co. CC
349	0.5	14,649	20.5	5,623	7.9	-	-	-	-	137	0.2	Bladen CC
4,492	5.0	4,686	5.2	8,326	9.3	-	-	-	-	-	-	Blue Ridge CC
-	-	1,895	3.1	3,304	5.3	-	-	-	-	4,253	6.9	Brunswick CC
15,755	12.3	11,259	8.8	4,900	3.8	-	-	-	-	-	-	Caldwell CC & TI
3,283	2.4	13,489	9.9	2,978	2.2	-	-	257	0.2	-	-	Cape Fear CC
1,275	1.0	22,682	17.9	18,691	14.8	-	-	-	-	17,224	13.6	Carteret CC
5,512	3.4	13,251	8.2	8,640	5.3	-	-	-	-	1,522	0.9	Catawba Vy. CC
3,474	2.9	7,633	6.3	4,647	3.8	35	<0.1	-	-	-	-	C. Carolina CC
29,830	6.2	44,898	9.4	13,329	2.8	-	-	2,737	0.6	450	0.1	C. Piedmont CC
2,392	2.0	9,043	7.5	7,265	6.0	-	-	-	-	232	0.2	Cleveland CC
3,939	2.5	15,006	9.6	5,940	3.8	-	-	-	-	-	-	Coastal Car. CC
726	0.8	9,653	10.2	3,610	3.8	-	-	-	-	-	-	Col. Albemarle
1,797	2.0	4,250	4.6	894	1.0	-	-	-	-	-	-	Craven CC
14,697	10.1	12,320	8.5	6,668	4.6	116	0.1	-	-	-	-	Davidson CC
2,616	1.7	14,374	9.2	9,010	5.8	-	-	-	-	4,490	2.9	Durham TCC
2,002	2.1	11,096	11.9	1,431	1.5	-	-	-	-	261	0.3	Edgecombe CC
17,887	7.7	16,312	7.0	11,542	4.9	306	0.1	-	-	-	-	Fayettev'le TCC
17,911	6.3	29,124	10.2	5,201	1.8	272	0.1	-	-	11,270	4.0	Forsyth TCC
6,079	3.2	23,494	12.2	4,492	2.3	279	0.1	-	-	4,730	2.5	Gaston Col.
17,445	4.7	43,112	11.6	14,713	4.0	84	<0.1	3,521	0.9	-	-	Guilford TCC
649	0.7	12,989	14.7	3,272	3.7	-	-	-	-	-	-	Halifax CC
28,132	15.3	8,822	4.8	5,431	3.0	-	-	233	0.1	-	-	Haywood CC
28,870	20.3	10,329	7.3	1,931	1.4	-	-	-	-	-	-	Isothermal CC
303	0.3	12,724	14.7	4,239	4.9	-	-	-	-	-	-	J. Sprunt CC
9,012	8.6	8,856	8.5	5,586	5.4	-	-	-	-	-	-	Johnston CC
20,053	13.3	9,451	6.3	6,547	4.3	-	-	125	0.1	-	-	Lenoir CC
5,808	5.2	11,890	10.7	6,930	6.2	-	-	-	-	-	-	Martin CC
2,755	6.1	2,325	5.1	223	0.5	-	-	-	-	6,495	14.4	Mayland CC
1,127	1.6	3,784	5.4	2,399	3.4	110	0.2	-	-	-	-	McDowell CC
14,342	7.9	28,910	16.0	6,606	3.6	-	-	-	-	13,988	7.7	Mitchell CC
1,538	3.3	4,096	8.8	1,272	2.7	-	-	-	-	-	-	Montgomery CC
-	-	2,997	3.4	1,958	2.2	-	-	-	-	15,003	16.8	Nash CC
465	1.6	2,114	7.4	2,196	7.6	-	-	-	-	-	-	Pamlico CC
10,945	12.5	13,017	14.8	8,401	9.6	-	-	-	-	498	0.6	Piedmont CC
7,661	5.7	6,753	5.0	3,979	3.0	-	-	-	-	5,236	3.9	Pitt CC
4,769	3.6	12,500	9.3	7,381	5.5	-	-	-	-	-	-	Randolph CC
390	0.4	9,552	10.8	2,307	2.6	100	0.1	-	-	-	-	Richmond CC
-	-	6,247	7.5	6,424	7.7		-	-	-	6,868	8.2	Roanoke-Cho. CC
459	0.4	12,726	10.1	4,683	3.7	-	-	-	-	7,220	5.7	Robeson CC
27,087	17.2	16,672	10.6	6,973	4.4	-	-	-	-	1,154	0.7	Rockingham CC
3,597	2.5	17,184	11.7	9,205	6.3	-	-	-	-	-	-	Rowan-Cab. CC
1,140	1.6	2,289	3.1	2,024	2.8	-	-	-	-	324	0.4	Sampson CC
10,823	6.9	16,968	10.8	8,475	5.4	-	-	5,548	3.5	-	-	Sandhills CC
10,138	8.4	11,872	9.9	5,592	4.7	-	-	-	-	2,880	2.4	Southeastern CC
191	0.2	10,656	12.1	4,573	5.2	-	-	-	-	-	-	Southwestern CC
234	0.3	7,213	9.9	495	0.7	-	-	-	-	1,612	2.2	Stanly CC
17,796	14.4	15,105	12.3	5,504	4.5	-	-	-	-	-	-	Surry CC
-	-	3,870	5.3	1,991	2.7	-	-	-	-	-	-	Tri-County CC
2,764	2.9	6,746	7.1	9,556	10.1	-	-	-	-	-	-	Vance-Granv. CC
2,939	1.5	19,409	9.8	18,267	9.3	328	0.2	-	-	6,675	3.4	Wake TCC
2,357	1.8	10,348	7.9	2,794	2.1	171	0.1	-	-	-	-	Wayne CC
5,928	5.7	12,312	11.9	7,342	7.1	54	0.1	-	-	-	-	W. Piedmont CC
21,665	14.6	33,409	22.5	11,419	7.7	-	-	-	-	-	-	Wilkes CC
2,822	2.4	7,038	5.9	11,983	10.0	219	0.2	-	-	-	-	Wilson Co. TC
418,142	5.5	728,122	9.6	362,264	4.8	2,074	<0.1	13,048	0.2	114,794	1.5	SUBTOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than 10 assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

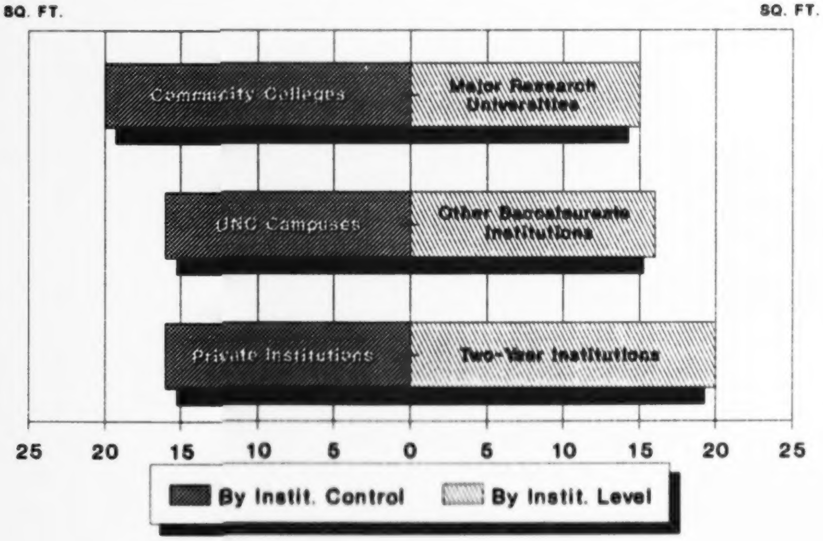
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE

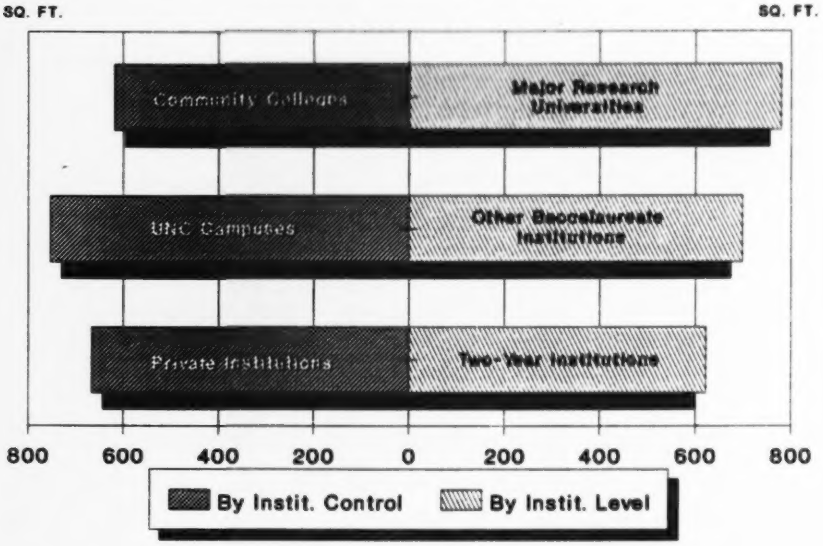


Table 16

Assignable Square Feet Per Student Station For Classrooms

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Major Research Universities:									
NC State	255	14,014	55	201,589	14	14	14	15	15
NC State Vet.	6	436	73	7,318	17	17	17	17	16
UNC-Chapel Hill	245	13,444	55	200,623	15	15	15	15	15
UNC-Health Aff.	74	3,600	49	52,123	14	14	15	15	14
SUBTOTAL	580	31,494	54	461,653	15	15	15	15	15
Other Doctoral Universities:									
UNC-Greensboro	144	6,947	48	116,204	17	17	17	18	18
Comprehensive Universities:									
Appalachian	168	7,273	43	136,273	19	19	19	19	19
East Carolina	182	8,514	47	141,555	17	17	17	16	16
ECU-Health Aff.	45	1,965	44	32,595	17	17	17	17	17
Fayetteville	54	2,169	40	36,073	17	17	17	-	-
NC A & T	187	7,627	41	125,218	16	16	16	16	17
NC Central	149	6,237	42	103,095	17	17	17	16	16
UNC-Charlotte	115	6,455	56	86,484	13	14	14	13	13
UNC-Wilmington	68	3,514	52	50,590	14	14	14	-	-
West'n Carolina	118	4,933	42	93,524	19	19	18	19	20
SUBTOTAL	1,086	48,687	45	805,407	17	16	16	17	17
Gen. Baccalaureate Universities:									
Elizabeth City	40	1,707	43	26,583	16	15	15	16	16
Fayetteville	-	-	-	-	-	-	-	17	16
Pembroke	71	2,904	41	46,757	16	16	16	16	16
UNC-Asheville	36	1,626	45	24,205	15	17	17	17	17
UNC-Wilmington	-	-	-	-	-	-	-	15	15
Winston-Salem	78	3,650	47	59,817	16	16	16	16	16
SUBTOTAL	225	9,887	44	157,362	16	16	16	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Specialized Institution:									
NC Sch. of Arts	25	719	29	13,618	19	19	21	21	21
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,120	66,716	31	1,312,784	20	20	19	19	19
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	313	15,607	50	233,837	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,051	42,192	40	673,997	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	154	5,729	37	104,497	18	18	18	18	18
GRAND TOTAL	5,698	227,978	40	3,879,359	17	17	17	17	17

Table 16

Assignable Square Feet Per Student Station For Classrooms

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Community Colleges:									
Alamance CC	32	1,193	37	19,274	16	16	16	16	16
Anson CC	17	346	20	7,116	21	23	25	22	21
Ashev'le-Bun. TCC	81	2,359	29	50,141	21	21	21	21	21
Beaufort Co. CC	30	915	31	18,274	20	20	21	19	20
Bladen CC	16	281	18	6,054	22	22	22	22	23
Blue Ridge CC	21	598	28	12,184	20	20	19	20	23
Brunswick CC	20	435	22	11,401	26	25	25	24	28
Caldwell CC & TI	30	887	30	19,666	22	21	21	22	21
Cape Fear CC	24	566	24	15,172	27	28	28	28	28
Carteret CC	26	723	28	13,336	18	19	19	19	19
Catawba Vy. CC	47	1,329	28	30,756	23	23	23	22	23
C. Carolina CC	34	1,018	30	22,203	22	20	21	21	21
C. Piedmont CC	142	5,138	36	83,655	16	16	15	16	16
Cleveland CC	35	1,063	30	20,186	19	19	19	19	19
Coastal Car. CC	45	1,318	29	27,041	21	21	20	20	20
Col. Albemarle	28	961	34	14,879	15	16	15	15	15
Craven CC	35	1,072	31	18,687	17	17	17	17	18
Davidson Co. CC	41	1,581	39	26,678	17	17	17	17	16
Durham TCC	42	1,379	33	25,117	18	19	19	19	20
Edgecombe CC	41	990	24	21,202	21	23	22	23	24
Fayettev'le TCC	75	2,907	39	52,441	18	18	18	18	19
Forsyth TCC	85	2,653	31	58,324	22	22	22	19	19
Gaston Col.	54	2,075	38	38,445	19	18	18	18	17
Guilford TCC	107	3,435	32	65,517	19	19	19	18	18
Halifax CC	25	638	26	14,069	22	22	20	20	20
Haywood CC	26	823	32	15,832	19	17	20	19	19
Isothermal CC	43	1,303	30	26,643	20	20	20	20	20
J. Sprunt CC	20	560	28	10,878	19	19	19	19	20
Johnston CC	29	996	34	16,083	16	19	20	19	19
Lenoir CC	51	1,457	29	27,021	19	19	19	19	19

Table 16

Assignable Square Feet Per Student Station For Classrooms

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Community Colleges:									
Martin CC	25	761	30	19,326	25	23	23	23	24
Mayland CC	10	317	32	5,969	19	19	19	19	19
McDowell CC	22	636	29	15,475	24	23	23	23	22
Mitchell CC	54	1,685	31	35,114	21	20	20	20	20
Montgomery CC	11	212	19	5,995	28	30	27	29	28
Nash CC	35	1,154	33	25,942	22	22	22	21	19
Pamlico CC	9	190	21	4,363	23	23	23	24	23
Piedmont CC	20	420	21	10,173	24	22	22	22	22
Pitt CC	35	1,285	37	23,031	18	19	19	19	19
Randolph CC	33	674	20	20,109	30	30	25	26	26
Richmond CC	27	755	28	15,124	20	20	20	20	18
Roanoke-Cho. CC	29	737	25	16,078	22	23	23	23	23
Robeson CC	35	1,081	31	24,746	23	22	22	22	22
Rockingham CC	30	1,137	38	20,780	18	19	19	19	19
Rowan-Cab. CC	46	1,726	38	30,489	18	18	18	17	17
Sampson CC	25	771	31	14,152	18	17	17	18	18
Sandhills CC	36	1,282	36	24,012	19	18	18	18	17
Southeastern CC	31	1,081	35	19,637	18	18	18	18	18
Southwestern CC	28	906	32	17,373	19	18	18	17	17
Stanly CC	26	937	36	17,189	18	21	22	20	20
Surry CC	28	845	30	20,379	24	23	23	23	23
Tri-County CC	22	595	27	14,957	25	24	24	22	23
Vance-Granv. CC	29	914	32	16,682	18	18	18	18	18
Wake TCC	49	1,748	36	31,911	18	18	18	18	18
Wayne CC	46	1,470	32	25,311	17	17	17	17	17
W. Piedmont CC	20	671	34	13,799	21	21	21	17	18
Wilkes CC	34	1,116	33	22,231	20	20	20	20	20
Wilson Co. TC	23	611	27	14,162	23	25	20	19	19
TOTAL	2,120	66,716	31	1,312,784	20	20	19	19	19

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

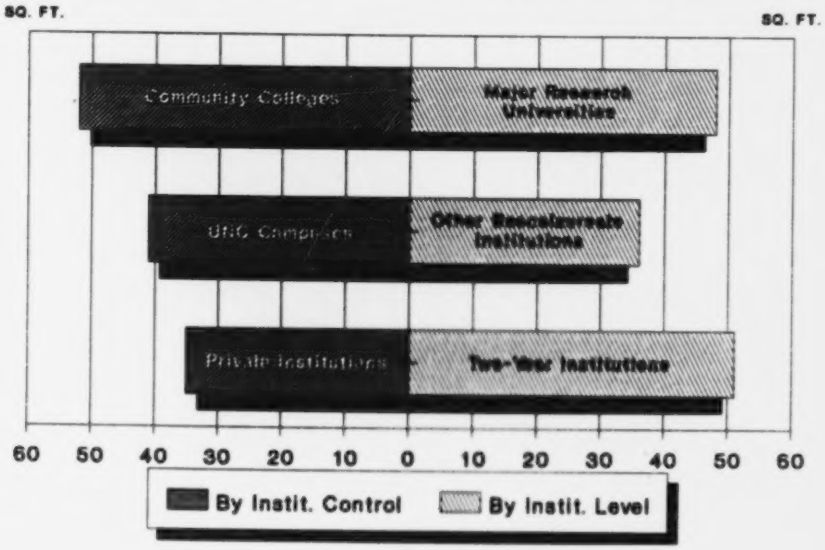
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The *Higher Education Facilities Planning and Management Manuals* (pages 127-133 of Volume II) provide ranges for various types of class laboratories. Data for selected labs are provided below:

Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE

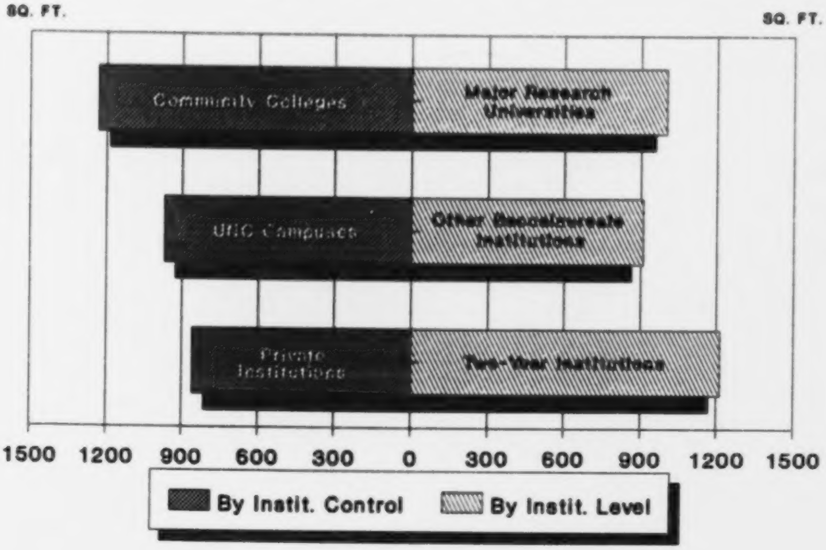


Table 17

Assignable Square Feet Per Student Station For Class Laboratories

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Major Research Universities:									
NC State	214	4,738	22	262,925	55	57	58	59	60
NC State Vet.	5	234	47	19,114	82	82	82	82	82
UNC-Chapel Hill	82	2,140	26	81,049	38	38	40	40	41
UNC-Health Aff.	113	1,895	17	84,907	45	45	45	37	36
SUBTOTAL	414	9,007	22	447,995	50	51	51	50	50
Other Doctoral Universities:									
UNC-Greensboro	64	1,810	28	68,688	38	38	39	38	34
Comprehensive Universities:									
Appalachian	60	1,734	29	55,421	32	32	32	32	32
East Carolina	142	3,054	22	132,230	43	44	43	43	42
ECU-Health Aff.	172	2,557	15	100,046	39	39	39	39	39
Fayetteville	36	1,234	34	32,664	26	26	26	-	-
NC A & T	124	3,182	26	107,412	34	32	31	34	35
NC Central	59	1,378	23	49,723	36	36	36	34	34
UNC-Charlotte	66	2,052	31	79,033	39	41	40	39	39
UNC-Wilmington	37	912	25	31,519	35	34	36	-	-
West'n Carolina	57	1,595	28	61,561	39	40	40	42	41
SUBTOTAL	753	17,698	24	649,609	37	37	36	38	38
Gen. Baccalaureate Universities:									
Elizabeth City	24	688	29	28,831	42	42	42	36	36
Fayetteville	-	-	-	-	-	-	-	26	27
Pembroke	25	731	29	19,573	27	27	27	27	27
UNC-Asheville	19	589	31	18,845	32	42	42	41	41
UNC-Wilmington	-	-	-	-	-	-	-	35	35
Winston-Salem	23	639	28	18,803	29	29	32	32	32
SUBTOTAL	91	2,647	29	86,052	33	35	35	32	32

Table 17

Assignable Square Feet Per Student Station For Class Laboratories

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Specialized Institution:									
NC Sch. of Arts	48	1,200	25	76,658	64	66	57	57	62
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	1,900	44,780	24	2,339,020	52	52	53	53	54
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	147	2,798	19	114,266	41	43	44	44	44
Gen. Baccalaureate Colleges:									
SUBTOTAL	489	13,010	27	432,903	33	33	33	33	33
Junior Colleges:									
SUBTOTAL	95	2,351	25	81,061	34	35	35	35	35
GRAND TOTAL	4,001	95,301	24	4,296,252	45	45	45	45	46

Assignable Square Feet Per Student Station For Class Laboratories

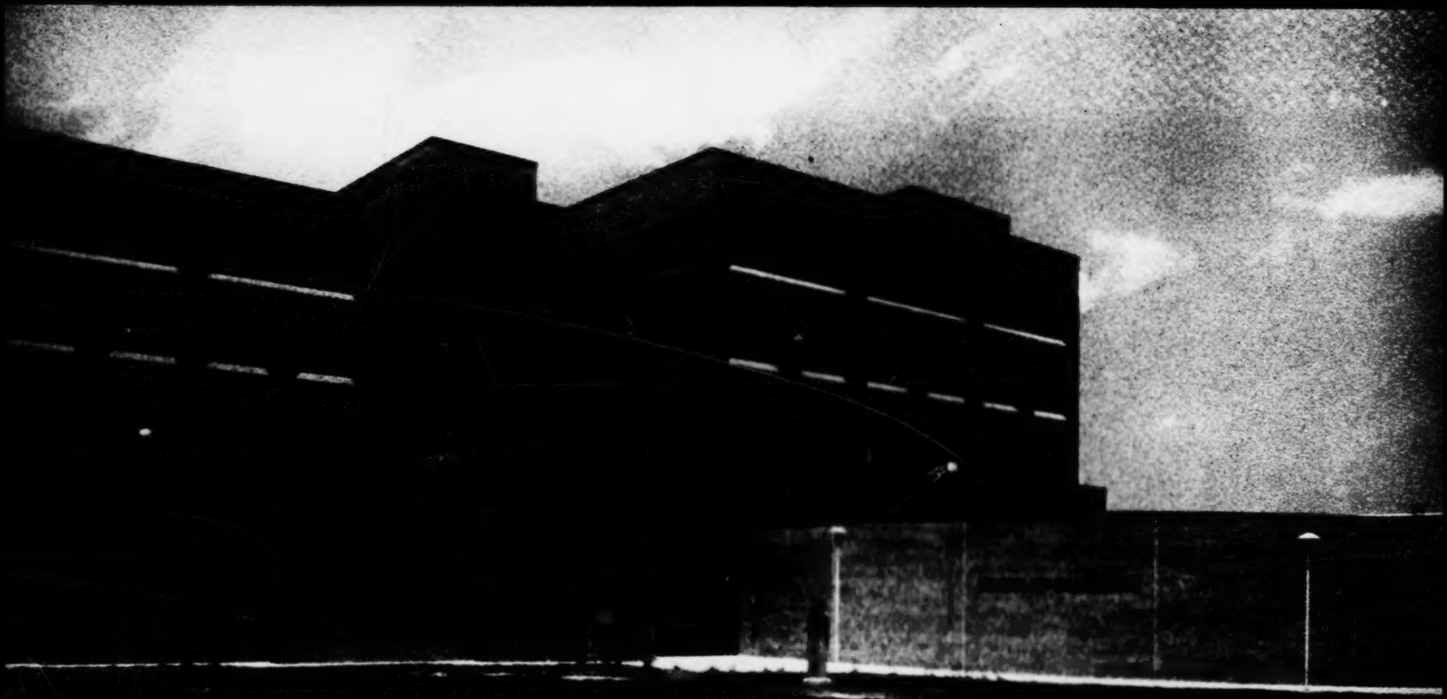
Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Community Colleges:									
Alamance CC	34	881	26	35,837	41	41	45	40	40
Anson CC	18	351	20	17,234	49	55	56	57	57
Ashev'le-Bun. TCC	48	1,094	23	66,666	61	65	66	67	66
Beaufort Co. CC	23	587	26	32,400	55	57	63	65	66
Bladen CC	27	482	18	29,401	61	61	65	67	71
Blue Ridge CC	20	514	26	41,126	80	78	79	77	68
Brunswick CC	18	343	19	19,409	57	57	58	58	65
Caldwell CC & TI	31	628	20	40,106	64	61	61	61	61
Cape Fear CC	37	777	21	51,674	67	68	69	69	69
Carteret CC	28	663	24	31,173	47	54	52	56	56
Catawba Vy. CC	38	907	24	55,895	62	58	58	55	57
C. Carolina CC	40	857	21	46,763	55	52	53	50	49
C. Piedmont CC	89	2,722	31	119,786	44	43	45	45	46
Cleveland CC	45	1,032	23	43,564	42	42	42	43	43
Coastal Car. CC	35	823	24	50,102	61	61	62	62	62
Col. Albemarle	29	749	26	34,713	46	46	46	47	47
Craven CC	28	718	26	27,165	38	38	38	44	47
Davidson Co. CC	36	833	23	38,383	46	47	48	48	46
Durham TCC	40	931	23	50,826	55	55	55	55	54
Edgecombe CC	34	664	20	27,673	42	57	56	58	61
Fayettev'le TCC	53	1,264	24	59,244	47	47	47	46	49
Forsyth TCC	58	1,369	24	83,670	61	61	61	70	71
Gaston Col.	50	1,235	25	61,376	50	50	56	56	50
Guilford TCC	92	2,030	22	113,868	56	58	57	58	59
Halifax CC	23	636	28	30,271	48	48	44	46	46
Haywood CC	60	1,270	21	70,196	55	53	55	55	59
Isothermal CC	35	749	21	38,177	51	51	50	52	55
J. Sprunt CC	21	462	22	31,672	69	69	69	68	70
Johnston CC	32	765	24	37,862	49	48	48	60	60
Lenoir CC	42	987	24	38,186	39	40	41	44	44

Table 17

Assignable Square Feet Per Student Station For Class Laboratories

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1987	1986	1985	1984	1983
Community Colleges:									
Martin CC	20	522	26	36,384	70	68	58	57	53
Mayland CC	10	251	25	11,624	46	46	43	39	40
McDowell CC	21	498	24	27,343	55	42	42	42	44
Mitchell CC	31	808	26	39,266	49	45	45	46	54
Montgomery CC	23	348	15	22,341	64	66	56	56	56
Nash CC	21	388	18	24,716	64	59	59	54	58
Pamlico CC	8	121	15	9,871	82	82	82	82	82
Piedmont CC	18	386	21	19,600	51	52	52	55	61
Pitt CC	29	712	25	38,349	54	49	49	49	51
Randolph CC	32	688	22	47,779	69	69	70	72	72
Richmond CC	23	497	22	34,218	69	68	67	67	67
Roanoke-Cho. CC	17	454	27	21,325	47	48	48	54	61
Robeson CC	30	835	28	40,977	49	51	51	52	53
Rockingham CC	28	698	25	43,117	62	61	63	63	60
Rowan-Cab. CC	35	913	26	43,759	48	48	49	53	52
Sampson CC	19	502	26	24,287	48	49	49	50	51
Sandhills CC	40	1,053	26	45,555	43	43	42	42	42
Southeastern CC	30	741	25	31,780	43	43	43	41	41
Southwestern CC	34	761	22	28,610	38	38	38	37	37
Stanly CC	23	660	29	26,913	41	40	35	35	35
Surry CC	24	607	25	30,260	50	48	47	48	50
Tri-County CC	24	478	20	35,038	73	82	82	82	80
Vance-Granv. CC	27	701	26	30,638	44	44	42	41	41
Wake TCC	48	905	19	53,678	59	58	59	62	61
Wayne CC	46	1,140	25	50,891	45	46	46	46	46
W. Piedmont CC	25	583	23	28,433	49	49	45	36	40
Wilkes CC	23	516	22	26,860	52	54	53	53	55
Wilson Co. TC	27	691	26	40,990	59	60	62	67	66
TOTAL	1,900	44,780	24	2,339,020	52	52	53	53	54



Ronald E. McNair Hall, North Carolina A&T State University

Ronald E. McNair Hall, the new $8.5 million engineering facility at N.C. A&T State University, provides a wide array of modern interior areas which will enable the institution's engineering school to sustain its role as an outstanding teaching and research center. The building contains 94,400 square feet of space.

The facility is highlighted by a group of special laboratories. The 1800 square foot Microelectronics Fabrication Laboratory, primarily a teaching center for silicon based electronics, contains modern elemental analysis and test equipment and a clean room. The Microelectronics Design Laboratory houses computer hardware and software necessary to the design of new chip compatible microelectronics circuits. An Engineering Computer Center contains space and power for four separate computers and is wired for 440 users. A 300 seat auditorium, library space and four lecture rooms, one of which is equipped as a teleclassroom, complement the core of special labs.

A rooftop solar demonstration facility, in addition to satisfying a portion of the building's heating and cooling needs, features a solar collector and an absorption chiller which allow students and faculty to use part of the HVAC system as a solar energy laboratory. Another special feature is a modern television control center which can broadcast to more than 100 rooms in the building.

Building Characteristics

Owner Type of Building 145
Capital Investment in Buildings 148
Age of Building 152
Condition of Buildings 156
Estimated Cost to Renovate or Replace
Unsatisfactory Facilities 161

TABLE 18:
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of The University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Table 18

Ownership of Buildings

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Major Research Universities:											
NC State	4,566,094	69.1	2,039,205	30.9	-	-	-	-	-	-	6,605,299
NC State Vet	372,607	100.0	-	-	-	-	-	-	-	-	372,607
UNC-Chapel Hill	6,751,164	98.8	-	-	-	-	16,537	0.2	63,702	0.9	6,832,654
UNC-Health Aff.	1,841,220	71.6	522,938	20.3	101,246	3.9	106,854	4.2	-	-	2,572,258
SUBTOTAL	13,531,086	82.6	2,562,143	15.6	101,246	0.6	123,391	0.8	63,702	0.4	16,382,818
Other Doctoral Universities:											
UNC-Greensboro	2,631,057	99.6	-	-	-	-	9,471	0.4	-	-	2,640,528
Comprehensive Universities:											
Appalachian	1,569,691	58.3	1,110,196	41.2	-	-	-	-	14,400	0.5	2,694,287
East Carolina	1,930,353	72.1	746,469	27.9	-	-	-	-	-	-	2,676,822
ECU-Health Aff.	644,848	100.0	-	-	-	-	-	-	-	-	644,848
Fayetteville	750,937	90.0	83,610	10.0	-	-	-	-	-	-	834,547
NC A & T	2,060,871	100.0	-	-	-	-	-	-	-	-	2,060,871
NC Central	1,551,131	100.0	-	-	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,284,932	59.0	892,697	41.0	-	-	-	-	-	-	2,177,629
UNC-Wilmington	752,508	63.4	434,271	36.6	-	-	-	-	-	-	1,186,779
West'n Carolina	1,381,118	61.6	860,946	38.4	-	-	-	-	-	-	2,242,064
SUBTOTAL	11,926,389	74.2	4,128,189	25.7	-	-	-	-	14,400	0.1	16,068,978
Gen. Baccalaureate Universities:											
Elizabeth City	598,116	80.8	135,876	18.4	-	-	5,968	0.8	-	-	739,960
Pembroke	698,463	100.0	-	-	-	-	-	-	-	-	698,463
UNC-Asheville	414,315	73.2	152,000	26.8	-	-	-	-	-	-	566,315
Winston-Salem	726,452	85.1	127,536	14.9	-	-	-	-	-	-	853,988
SUBTOTAL	2,437,346	85.3	415,412	14.5	-	-	5,968	0.2	-	-	2,858,726
Specialized Institution:											
NC Sch. of Arts	437,833	94.3	-	-	-	-	-	-	26,399	5.7	464,232
Teaching Hospital:											
N. C. Mem. Hosp.	1,155,016	94.2	-	-	-	-	64,976	5.3	-	-	1,226,713
Community Colleges:											
SUBTOTAL	10,294,649	94.6	756	<0.1	20,325	0.2	248,494	2.3	249,257	2.3	10,879,469
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	11,929,828	98.8	136,029	1.1	-	-	12,939	0.1	-	-	12,078,796
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,894,613	88.5	1,393,757	9.6	118,858	0.8	72,720	0.5	86,507	0.6	14,565,455
Junior Colleges:											
SUBTOTAL	1,837,033	82.6	380,381	17.1	4,120	0.2	3,130	0.1	-	-	2,224,664
GRAND TOTAL	69,074,849	87.0	9,016,667	11.4	244,549	0.3	541,089	0.7	439,265	0.6	79,390,379

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Table 18

Ownership of Buildings

INSTITUTION	Owned Gross Sq. Ft. 1	Owned %	Institution Amortization Gross Sq. Ft. 2	Institution Amortization %	Holding Co. Amortization Gross Sq. Ft. 3	Holding Co. Amortization %	Leased or Rented Gross Sq. Ft. 4	Leased or Rented %	Nominal Rate Gross Sq. Ft. 5	Nominal Rate %	* Total Gross Sq. Ft.
Community Colleges:											
Alamance CC	157,002	100.0	-	-	-	-	-	-	-	-	157,002
Anson CC	29,950	42.4	-	-	-	-	1,147	1.6	39,510	56.0	70,607
Ashev'le-Bun. TCC	305,774	100.0	-	-	-	-	-	-	-	-	305,774
Beaufort Co. CC	126,448	100.0	-	-	-	-	-	-	-	-	126,448
Bladen CC	93,365	100.0	-	-	-	-	-	-	-	-	93,365
Blue Ridge CC	115,852	100.0	-	-	-	-	-	-	-	-	115,852
Brunswick CC	66,385	88.0	-	-	-	-	1,663	2.2	7,395	9.8	75,443
Caldwell CC & TI	168,574	100.0									168,574
Cape Fear CC	183,549	92.5	-	-	-	-	-	-	14,840	7.5	198,389
Carteret CC	163,724	100.0	-	-	-	-	-	-	-	-	163,724
Catawba Vy. CC	211,260	97.9	-	-	-	-	-	-	4,600	2.1	215,860
C. Carolina CC	157,843	100.0	-	-	-	-	-	-	-	-	157,843
C. Piedmont CC	1,219,212	97.3	-	-	9,312	0.7	24,397	1.9	-	-	1,252,921
Cleveland CC	159,645	100.0	-	-	-	-	-	-	-	-	159,645
Coastal Car. CC	214,716	100.0	-	-	-	-	-	-	-	-	214,716
Col. Albemarle	121,780	91.6	-	-	-	-	2,100	1.6	9,034	6.8	132,914
Craven CC	105,923	83.4	-	-	-	-	21,135	16.6	-	-	127,058
Davidson CC	208,596	100.0	-	-	-	-	-	-	-	-	208,596
Durham TCC	196,302	92.2	-	-	-	-	16,530	7.8	-	-	212,832
Edgecombe CC	142,038	98.1	756	0.5	-	-	-	-	2,064	1.4	144,858
Fayettev'le TCC	321,316	100.0	-	-	-	-	-	-	-	-	321,316
Forsyth TCC	336,300	87.6	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	276,234
Guilford TCC	411,628	79.9	-	-	-	-	103,400	20.1	-	-	515,028
Halifax CC	119,225	100.0	-	-	-	-	-	-	-	-	119,225
Haywood CC	210,307	89.6	-	-	-	-	-	-	24,474	10.4	234,781
Isothermal CC	177,838	96.5	-	-	-	-	-	-	-	-	184,286
J. Sprunt CC	113,361	99.0	-	-	-	-	-	-	1,200	1.0	114,561
Johnston CC	121,992	91.2	-	-	-	-	-	-	11,825	8.8	133,817
Lenoir CC	185,186	95.4	-	-	-	-	-	-	9,024	4.6	194,210
Martin CC	150,545	99.5	-	-	720	0.5	-	-	-	-	151,265
Mayland CC	56,045	87.4	-	-	-	-	3,876	6.0	4,220	6.6	64,141
McDowell CC	92,006	100.0	-	-	-	-	-	-	-	-	92,006
Mitchell CC	250,997	100.0	-	-	-	-	-	-	-	-	250,997
Montgomery CC	68,490	100.0	-	-	-	-	-	-	-	-	68,490
Nash CC	96,026	77.2	-	-	-	-	-	-	28,433	22.8	124,459
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont CC	102,025	100.0	-	-	-	-	-	-	-	-	102,025
Pitt CC	158,300	89.2	-	-	-	-	17,214	9.7	2,040	1.1	177,554
Randolph CC	152,783	91.0	-	-	-	-	15,094	9.0	-	-	167,877
Richmond CC	113,984	97.7	-	-	-	-	-	-	2,680	2.3	116,664
Roanoke-Cho. CC	109,542	91.9	-	-	9,633	8.1	-	-	-	-	119,175
Robeson CC	131,193	78.6	-	-	-	-	-	-	35,640	21.4	166,833
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	211,521
Rowan-Cab. CC	179,450	93.7	-	-	-	-	-	-	12,132	6.3	191,582
Sampson CC	87,214	86.6	-	-	-	-	1,440	1.4	-	-	100,709
Sandhills CC	212,683	99.4	-	-	-	-	-	-	1,280	0.6	213,963
Southeastern CC	157,237	97.2	-	-	-	-	4,548	2.8	-	-	161,785
Southwestern CC	115,065	100.0	-	-	-	-	-	-	-	-	115,065
Stanly CC	81,044	82.0	-	-	-	-	14,131	14.3	3,696	3.7	98,871
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	166,706
Tri-County CC	92,769	100.0	-	-	-	-	-	-	-	-	92,769
Vance-Granv. CC	140,836	93.9	-	-	-	-	9,170	6.1	-	-	150,006
Wake TCC	237,555	87.1	-	-	-	-	-	-	35,170	12.9	272,725
Wayne CC	153,219	92.3	-	-	660	0.4	12,049	7.3	-	-	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,213	99.7	-	-	-	-	600	0.3	-	-	200,813
Wilson Co. TC	166,509	100.0	-	-	-	-	-	-	-	-	166,509
SUBTOTAL	10,294,649	94.6	756	<0.1	20,325	0.2	248,494	2.3	249,257	2.3	10,879,469

Category 6: None
Category 7: Forsyth Technical CC 47,485 12.4% Memorial Hospital 6,721 0.5%
Category 8: Isothermal Community College 6,448 3.5% Sampson Community College 12,055 12.0% UNC at Chapel Hill 1,251 <0.1%

TABLE 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

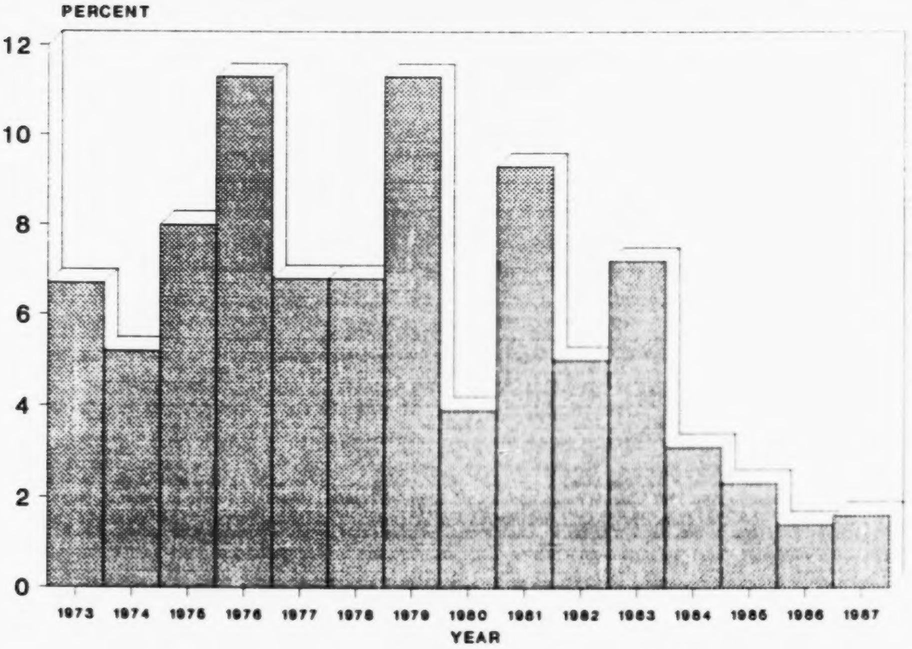
From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. Beginning in 1984, the Dodge Building Cost Indexes for U. S. and Canadian Cities, which is published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. The factors calculated from the Dodge publication were derived by computing an average of the construction cost increases reported for Charlotte, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. For each city, a construction cost index was reported for March and September of each year since 1977. The following table, reflecting a base of 1000 for 1977, summarizes selected data for these cities:

City	Sept 1986	Sept 1987	% Change 1977-87	% Change 1986-87
Charlotte	1670.3	1687.1	68.7	1.0
Fayetteville	1468.1	1500.7	50.1	2.2
Greensboro	2134.1	2174.8	117.5	1.9
Raleigh	1872.5	1902.6	90.3	1.6
Wilmington	1541.2	1556.7	55.7	1.0
Winston-Salem	2016.3	2052.8	105.3	1.8

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1973. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1973	6.7%	1978	6.8%	1983	7.2%
1974	5.2%	1979	11.3%	1984	3.1%
1975	8.0%	1980	3.9%	1985	2.3%
1976	11.3%	1981	9.3%	1986	1.4%
1977	6.8%	1982	5.0%	1987	1.6%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	99	$ 104,396,040	$ 318,378,654	4,920,807
NC State Vet.	12	23,846,176	30,160,869	372,607
UNC-Chapel Hill	161	156,401,241	538,940,030	4,950,677
UNC-Health Aff.	94	90,286,217	313,807,996	2,572,258
SUBTOTAL	366	374,929,674	1,201,287,549	12,816,349
Other Doctoral Universities:				
UNC-Greensboro	49	39,510,115	112,314,420	1,774,256
Comprehensive Universities:				
Appalachian	59	52,131,000	125,209,564	1,756,395
East Carolina	61	32,939,597	101,820,167	1,621,944
ECU-Health Aff.	16	38,517,647	52,160,728	644,848
Fayetteville	39	22,256,571	42,056,988	585,093
NC A & T	85	44,345,185	101,504,952	1,524,807
NC Central	44	34,498,795	74,196,469	1,086,527
UNC-Charlotte	33	50,963,700	112,103,187	1,354,996
UNC-Wilmington	39	29,445,665	60,444,046	858,258
West'n Carolina	41	46,132,497	104,154,700	1,515,706
SUBTOTAL	417	351,230,657	773,650,801	10,948,574
Gen. Baccalaureate Universities:				
Elizabeth City	31	16,312,387	36,111,126	495,327
Pembroke	25	17,012,045	36,055,283	528,286
UNC-Asheville	13	10,815,200	22,763,421	380,277
Winston-Salem	21	20,165,447	43,009,610	638,961
SUBTOTAL	90	64,305,079	137,939,440	2,042,851

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	13	$ 6,987,000	$ 22,703,442	350,240
Teaching Hospital:				
NC Mem. Hosp.	26	61,731,405	128,067,848	1,226,713
Community Colleges:				
SUBTOTAL	779	285,401,445	647,327,922	10,866,174
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	257	409,291,547	844,142,749	9,701,221
Gen. Baccalaureate Colleges:				
SUBTOTAL	625	187,454,339	601,809,957	8,982,777
Junior Colleges:				
SUBTOTAL	96	23,166,108	78,221,617	1,252,969
GRAND TOTAL	2,718	$1,804,007,369	$4,547,465,745	59,962,124

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	6	$ 6,192,312	$ 13,007,907	156,330
Anson CC	12	1,150,000	4,045,759	70,607
Ashev'le-Bun. TCC	17	8,548,069	19,110,820	305,774
Beaufort Co. CC	9	3,670,691	6,917,277	126,448
Bladen CC	15	1,947,818	5,137,695	93,365
Blue Ridge CC	10	3,199,436	6,660,945	115,852
Brunswick CC	23	1,208,355	3,147,181	75,443
Caldwell CC & TI	7	4,876,053	11,528,119	168,574
Cape Fear CC	5	4,951,014	14,719,542	198,389
Carteret CC	12	5,022,452	10,966,290	163,724
Catawba Vy. CC	14	5,764,052	15,177,636	215,860
C. Carolina CC	12	5,842,183	10,858,410	157,843
C. Piedmont CC	32	19,534,030	50,797,612	1,249,921
Cleveland CC	13	6,192,696	10,230,760	159,645
Coastal Car. CC	11	9,862,528	15,534,860	214,716
Col. Albemarle	9	4,120,940	7,675,857	132,914
Craven CC	9	3,316,684	7,734,837	127,058
Davidson Co. CC	9	5,722,765	12,957,422	208,596
Durham TCC	13	6,326,311	12,595,468	212,832
Edgecombe CC	10	4,155,300	8,682,501	144,858
Fayettev'le TCC	22	7,589,713	19,202,975	321,316
Forsyth TCC	16	8,962,924	25,800,083	383,785
Gaston Col.	12	8,012,969	18,063,754	276,234
Guilford TCC	24	10,494,220	34,625,991	510,750
Halifax CC	8	3,872,903	5,579,939	119,225
Haywood CC	31	6,764,429	12,594,689	234,781
Isothermal CC	13	5,494,512	10,685,773	184,286
J. Sprunt CC	11	3,096,076	6,528,746	114,561
Johnston CC	8	4,136,650	7,417,712	133,817
Lenoir CC	11	5,004,189	11,806,622	194,210

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	10	2,807,675	7,170,094	151,265
Mayland CC	7	2,255,603	3,870,473	64,141
McDowell CC	7	3,976,052	6,671,898	92,006
Mitchell CC	21	3,862,528	14,026,312	250,997
Montgomery CC	2	2,280,246	3,616,282	68,490
Nash CC	9	3,285,550	7,147,427	124,459
Pamlico CC	4	1,528,200	3,336,459	40,198
Piedmont CC	10	4,259,993	6,899,229	102,025
Pitt CC	28	4,574,160	10,768,770	177,554
Randolph CC	15	4,729,019	9,759,276	167,877
Richmond CC	8	2,329,950	7,209,828	116,664
Roanoke-Cho. CC	6	4,679,094	7,904,009	119,175
Robeson CC	27	5,242,000	10,825,748	166,833
Rockingham CC	10	5,089,427	13,086,215	211,521
Rowan-Cab. CC	11	3,622,700	11,547,184	191,582
Sampson CC	10	3,107,914	5,785,021	100,709
Sandhills CC	24	4,735,386	11,637,455	208,618
Southeastern CC	13	3,806,906	9,522,202	161,785
Southwestern CC	7	3,213,960	6,165,661	115,065
Stanly CC	9	3,336,000	6,220,782	98,871
Surry CC	10	4,471,500	9,852,598	166,706
Tri-County CC	15	3,090,673	5,791,677	92,769
Vance-Granv. CC	8	6,008,000	11,410,130	150,006
Wake TCC	20	7,600,207	16,357,812	272,725
Wayne CC	43	2,648,641	8,602,696	165,928
W. Piedmont CC	13	3,910,241	9,783,243	149,169
Wilkes CC	16	5,566,467	11,411,353	200,813
Wilson Co. TC	12	4,351,079	11,154,906	166,509
TOTAL	779	$285,401,445	$647,327,922	10,866,174

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	34	$ 25,618,895	$ 100,508,010	1,684,492
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,686,940	164,940,915	1,881,977
UNC-Health Aff.	-	-	-	-
SUBTOTAL	74	52,305,835	265,448,925	3,566,469
Other Doctoral Universities:				
UNC-Greensboro	24	12,521,200	53,661,056	866,272
Comprehensive Universities:				
Appalachian	28	17,715,800	57,002,918	937,892
East Carolina	17	14,458,000	65,880,530	1,054,878
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	15,340,522	249,454
NC A & T	16	5,809,786	33,275,034	536,064
NC Central	13	5,215,280	28,576,338	464,604
UNC-Charlotte	10	24,329,223	48,443,132	822,633
UNC-Wilmington	20	11,548,884	20,811,832	328,521
West'n Carolina	19	11,243,450	42,571,091	726,358
SUBTOTAL	132	93,958,423	311,901,397	5,120,404
Gen. Baccalaureate Universities:				
Elizabeth City	26	3,941,204	14,575,850	244,633
Pembroke	7	2,633,000	10,449,557	170,177
UNC-Asheville	11	8,432,363	11,612,882	186,038
Winston-Salem	8	3,603,000	13,151,783	215,027
SUBTOTAL	52	18,609,567	49,790,072	815,875

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	9	2,512,000	7,150,477	113,992
Teaching Hospital:				
NC Mem. Hosp.	-	-	-	-
Community Colleges:				
SUBTOTAL	4	194,500	907,738	13,295
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	132	40,560,817	140,835,993	2,377,575
Gen. Baccalaureate Colleges:				
SUBTOTAL	525	88,806,746	340,436,080	5,582,678
Junior Colleges:				
SUBTOTAL	104	13,441,320	64,514,003	971,695
GRAND TOTAL	1,056	$322,910,408	$1,234,645,741	19,428,255

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	4,000	8,738	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	1	56,500	177,800	3,000
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	280,333	4,278
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

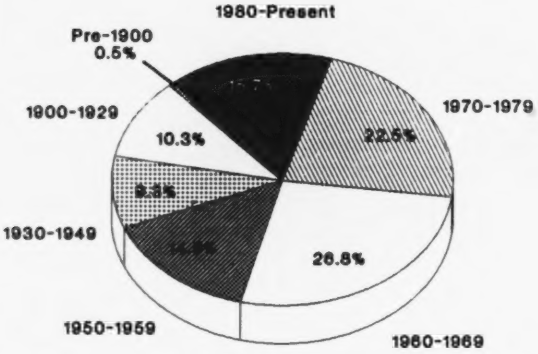
INSTITUTION	No of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	$ -	$ -	-
Mayland CC	-	-	-	-
McDowell CC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	440,867	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson Co. TC	-	-	-	-
TOTAL	4	$194,500	$907,738	13,295

TABLE 21:
AGE OF BUILDINGS

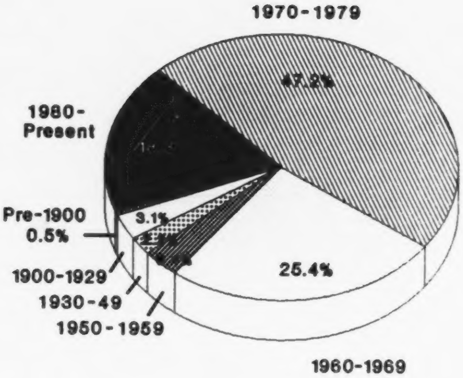
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

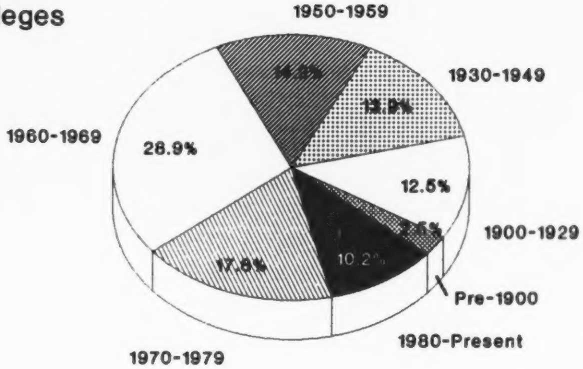
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

Table 21

Age of Buildings

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Major Research Universities:								
NC State	6,605,299	44,407	861,724	1,012,013	1,509,747	1,661,395	1,168,730	357,283
NC State Vet	372,607	-	-	28,559	3,979	1,242	-	338,827
UNC-Chapel Hill	6,832,654	123,808	1,542,124	824,057	551,760	1,860,479	544,159	1,386,267
UNC-Health Aff.	2,572,258	-	1,200	144,926	278,218	571,999	1,477,946	97,969
SUBTOTAL	16,382,818	168,215	2,395,048	2,009,555	2,343,704	4,095,115	3,190,835	2,180,346
Other Doctoral Universities:								
UNC-Greensboro	2,640,528	31,100	770,031	236,688	387,483	482,899	656,524	75,803
Comprehensive Universities:								
Appalachian	2,694,287	-	82,577	212,569	380,942	1,074,070	635,857	308,272
East Carolina	2,676,822	-	319,602	165,641	500,212	1,188,376	493,391	9,600
ECU-Health Aff.	644,848	-	-	11,744	-	31,788	100,481	500,835
Fayetteville	834,547	-	26,913	132,008	70,410	210,762	193,214	201,240
NC A & T	2,060,871	-	99,089	155,760	792,318	334,286	301,161	378,257
NC Central	1,551,131	-	36,379	225,213	469,874	332,330	174,475	312,860
UNC-Charlotte	2,177,629	-	-	-	-	569,503	1,026,471	581,655
UNC-Wilmington	1,186,779	-	9,000	12,250	-	234,802	503,750	426,977
West'n Carolina	2,242,064	-	57,682	182,379	332,898	706,902	575,861	386,342
SUBTOTAL	16,068,978	-	631,242	1,097,564	2,546,654	4,682,819	4,004,661	3,106,038
Gen. Baccalaureate Universities:								
Elizabeth City	739,960	-	89,399	57,955	108,886	158,540	148,883	176,297
Pembroke	698,463	-	-	34,109	33,483	251,885	312,213	66,773
UNC-Asheville	556,315	-	6,029	-	-	299,360	95,850	165,076
Winston-Salem	853,988	-	97,672	80,460	59,750	258,213	277,422	80,471
SUBTOTAL	2,858,726	-	193,100	172,524	202,119	967,998	834,368	488,617
Specialized Institution:								
NC Sch. of Arts	464,232	-	89,486	91,714	26,382	149,021	107,629	-
Teaching Hospital:								
N. C. Mem. Hosp.	1,226,713	-	-	63,928	395,379	244,238	143,967	379,201
Community Colleges:								
SUBTOTAL	10,879,469	52,368	334,070	237,015	369,846	2,764,967	5,131,697	1,989,506
				PRIVATE INSTITUTIONS				
Major Research Universities:								
SUBTOTAL	12,078,796	35,728	1,410,371	2,187,493	1,807,415	1,985,122	2,904,743	1,747,924
Gen. Baccalaureate Colleges:								
SUBTOTAL	14,565,455	476,175	1,970,811	1,689,373	1,993,868	5,509,196	1,877,771	1,048,261
Junior Colleges:								
SUBTOTAL	2,224,664	213,989	213,358	128,700	312,175	853,240	350,357	152,845
GRAND TOTAL	79,390,379	977,575	8,007,517	7,914,554	10,385,025	21,734,615	19,202,552	11,168,541

Table 21

Age of Buildings

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	157,002	-	25,729	-	600	-	116,156	14,517
Anson CC	70,607	8,689	1,147	21,638	-	-	30,495	8,638
Ashev'le-Bun. TCC	305,774	9,981	-	-	21,142	115,709	77,589	81,353
Beaufort Co. CC	126,448	-	-	-	-	-	94,567	31,881
Bladen CC	93,365	-	-	-	7,170	-	69,822	16,373
Blue Ridge CC	115,852	-	-	-	-	-	90,815	25,037
Brunswick CC	75,443	-	-	13,813	-	24,003	8,565	29,062
Caldwell CC & TI	168,574	-	-	-	-	60,471	88,309	19,794
Cape Fear CC	198,389	-	-	-	-	45,540	152,849	-
Carteret CC	163,724	-	-	35,790	9,358	27,840	52,377	38,359
Catawba Vy. CC	215,860	-	-	1,650	4,600	74,471	120,835	14,304
C. Carolina CC	157,843	-	-	-	-	66,942	30,942	59,959
C. Piedmont CC	1,252,921	-	106,968	42,802	66,530	216,005	620,104	200,512
Cleveland CC	159,645	-	7,856	-	-	1,875	47,089	102,825
Coastal Car. CC	214,716	-	-	-	-	-	169,867	44,849
Col. Albemarle	132,914	-	-	5,268	-	-	52,969	74,677
Craven CC	127,058	-	-	-	-	3,669	83,385	40,004
Davidson CC	208,596	-	-	-	-	85,340	99,766	23,490
Durham TCC	212,832	-	-	-	-	77,534	50.082	85,216
Edgecombe CC	144,858	-	37,209	-	-	-	65,649	42,000
Fayettev'le TCC	321,316	-	-	-	-	166,963	136,492	17,861
Forsyth TCC	383,785	-	-	-	78,490	174,698	63,131	67,466
Gaston Col.	276,234	-	-	-	-	141,440	103,831	30,963
Guilford TCC	515,028	1,931	46,620	18,000	88,325	130,480	187,143	42,529
Halifax CC	119,225	-	-	-	-	-	79,607	39,618
Haywood CC	234,781	-	-	17,354	-	30,072	145,164	42,191
Isothermal CC	184,286	-	6,448	-	-	57,962	119,876	-
J. Sprunt CC	114,561	-	-	-	-	24,245	76,630	13,686
Johnston CC	133,817	-	-	-	4,697	-	86,523	42,597
Lenoir CC	194,210	-	-	-	10,622	41,534	133,408	8,646
Martin CC	151,265	-	-	-	-	-	131,825	19,440
Mayland CC	64,141	-	-	-	3,876	-	34,665	25,600
McDowell CC	92,006	-	-	-	-	30,104	35,658	26,244
Mitchell CC	250,997	31,767	86,106	24,717	-	32,819	75,588	-
Montgomery CC	68,490	-	-	-	-	-	64,090	4,400
Nash CC	124,459	-	-	24,233	-	600	76,959	22,667
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	102,025	-	-	-	-	-	88,429	13,596
Pitt CC	177,554	-	-	-	-	87,185	50,360	40,009
Randolph CC	167,877	-	-	-	-	44,387	76,333	47,157
Richmond CC	116,664	-	-	-	2,680	56,560	35,385	22,039
Roanoke-Cho. CC	119,175	-	-	-	-	9,633	51,624	57,918
Robeson CC	166,833	-	3,855	11,750	7,955	10,298	79,893	53,082
Rockingham CC	211,521	-	-	-	-	148,238	63,283	-
Rowan-Cab. CC	191,582	-	12,132	-	-	82,925	96,525	-
Sampson CC	100,709	-	-	-	-	2,381	52,585	45,743
Sandhills CC	213,963	-	-	-	-	128,165	63,157	22,641
Southeastern CC	161,785	-	-	-	-	77,323	66,014	18,448
Southwestern CC	115,065	-	-	-	-	-	75,826	39,239
Stanly CC	98,871	-	-	-	-	14,131	44,245	40,495
Surry CC	166,706	-	-	-	-	66,452	100,254	-
Tri-County CC	92,769	-	-	18,334	-	9,720	17,520	47,195
Vance-Granv. CC	150,006	-	-	-	-	-	136,949	13,057
Wake TCC	272,725	-	-	-	-	96,486	111,423	64,816
Wayne CC	165,928	-	-	1,666	36,417	62,104	65,741	-
W. Piedmont CC	149,169	-	-	-	-	72,716	54,469	21,984
Wilkes CC	200,813	-	-	-	-	98,598	57,322	44,893
Wilson Co. TC	166,509	-	-	-	27,384	67,349	31,340	40,436
SUBTOTAL	10,879,469	52,368	334,070	237,015	369,846	2,764,967	5,131,697	1,989,506

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970's, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions have continued this policy through the 1980's. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. These codes are defined on the following page.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

1 - Satisfactory

Suitable for continued use with normal maintenance.

2 - Remodeling A

Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

3 - Remodeling B

Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

4 - Remodeling C

Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

5 - Demolition

Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

6 - Termination

Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Table 22

Condition of Buildings

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Major Research Universities:													
NC State	1,551,444	23.5	3,632,249	55.0	1,090,440	16.5	262,035	4.0	69,131	1.0	-	-	6,605,299
NC State Vet	358,854	96.3	-	-	13,753	3.7	-	-	-	-	-	-	372,607
UNC-Chapel Hill	3,376,631	49.4	2,230,692	32.6	602,583	8.8	509,349	7.5	100,008	1.5	13,391	0.2	6,832,654
UNC-Health Aff.	1,834,931	71.3	348,284	13.5	203,717	7.9	51,633	2.0	16,397	0.6	117,296	4.6	2,572,258
SUBTOTAL	7,121,860	43.5	6,211,225	37.9	1,910,493	11.7	823,017	5.0	185,536	1.1	130,687	0.8	16,382,818
Other Doctoral Universities:													
UNC-Greensboro	904,485	34.3	1,052,536	39.9	372,910	14.1	310,597	11.8	-	-	-	-	2,640,528
Comprehensive Universities:													
Appalachian	2,150,597	79.8	388,576	14.4	135,668	5.0	17,890	0.7	1,556	0.1	-	-	2,694,287
East Carolina	1,700,729	63.5	881,558	32.9	93,095	3.5	-	-	-	-	1,440	0.1	2,676,822
ECU-Health Aff.	619,302	96.0	20,550	3.2	-	-	-	-	-	-	4,996	0.8	644,848
Fayetteville	450,027	53.9	249,498	29.9	116,038	13.9	18,984	2.3	-	-	-	-	834,547
NC A & T	963,096	46.7	956,139	46.4	119,549	5.8	16,177	0.8	5,910	0.3	-	-	2,060,871
NC Central	936,542	60.4	345,792	22.3	223,981	14.4	40,437	2.6	4,379	0.3	-	-	1,551,131
UNC-Charlotte	2,029,422	93.2	148,207	6.8	-	-	-	-	-	-	-	-	2,177,629
UNC-Wilmington	954,225	80.4	222,894	18.8	660	0.1	8,000	0.7	1,000	0.1	-	-	1,186,779
West'n Carolina	1,527,672	68.1	450,819	20.1	192,112	8.6	69,886	3.1	-	-	1,575	0.1	2,242,064
SUBTOTAL	11,331,612	70.5	3,664,033	22.8	881,103	5.5	171,374	1.1	12,845	0.1	8,011	<0.1	16,068,978
Gen. Baccalaureate Universities:													
Elizabeth City	283,384	38.3	378,128	51.1	35,609	4.8	42,839	5.8	-	-	-	-	739,960
Pembroke	579,713	83.0	64,891	9.3	23,088	3.3	12,892	1.8	17,879	2.6	-	-	698,463
UNC-Asheville	218,912	38.7	10,662	1.9	107,109	18.9	229,632	40.5	-	-	-	-	566,315
Winston-Salem	523,060	61.2	277,097	32.4	53,831	6.3	-	-	-	-	-	-	853,988
SUBTOTAL	1,605,069	56.1	730,778	25.6	219,637	7.7	285,363	10.0	17,879	0.6	-	-	2,858,726
Specialized Institution:													
NC Sch. of Arts	310,509	66.9	27,768	6.0	93,299	20.1	32,656	7.0	-	-	-	-	464,232
Teaching Hospital:													
N. C. Mem. Hosp.	1,226,713	100.0	-	-	-	-	-	-	-	-	-	-	1,226,713
Community Colleges:													
SUBTOTAL	9,934,341	91.3	415,001	3.8	210,554	1.9	144,382	1.3	14,701	0.1	160,490	1.5	10,879,469
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	11,961,165	99.0	46,812	0.4	57,384	0.5	4,753	<0.1	8,682	0.1	-	-	12,078,796
Gen. Baccalaureate Colleges:													
SUBTOTAL	13,325,620	91.5	883,923	6.1	190,998	1.3	67,374	0.5	62,907	0.4	34,633	0.2	14,565,455
Junior Colleges:													
SUBTOTAL	2,170,952	97.6	44,452	2.0	5,140	0.2	-	-	4,120	0.2	-	-	2,224,664
GRAND TOTAL	59,892,326	75.4	13,076,528	16.5	3,941,518	5.0	1,839,516	2.3	306,670	0.4	333,821	0.4	79,390,379

Table 22

Condition of Buildings

INSTITUTION	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Square Feet
	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	
Community Colleges:													
Alamance CC	157,002	100.0	-	-	-	-	-	-	-	-	-	-	157,002
Anson CC	8,638	12.2	39,094	55.4	15,350	21.7	5,388	7.6	2,137	3.0	-	-	70,607
Ashev'le-Bun. TCC	247,060	80.8	50,917	16.7	7,797	2.5	-	-	-	-	-	-	305,774
Beaufort Co. CC	126,448	100.0	-	-	-	-	-	-	-	-	-	-	126,448
Bladen CC	88,924	95.2	3,841	4.1	600	0.6	-	-	-	-	-	-	93,365
Blue Ridge CC	115,852	100.0	-	-	-	-	-	-	-	-	-	-	115,852
Brunswick CC	59,546	78.9	950	1.3	5,484	7.3	5,976	7.9	3,487	4.6	-	-	75,443
Caldwell CC & TI	168,574	100.0	-	-	-	-	-	-	-	-	-	-	168,574
Cape Fear CC	198,389	100.0	-	-	-	-	-	-	-	-	-	-	198,389
Carteret CC	90,736	55.4	47,517	29.0	6,000	3.7	19,471	11.9	-	-	-	-	163,724
Catawba Vy. CC	215,860	100.0	-	-	-	-	-	-	-	-	-	-	215,860
C. Carolina CC	157,843	100.0	-	-	-	-	-	-	-	-	-	-	157,843
C. Piedmont CC	793,458	63.3	223,114	17.8	137,070	10.9	99,279	7.9	-	-	-	-	1,252,921
Cleveland CC	151,789	95.1	-	-	7,856	4.9	-	-	-	-	-	-	159,645
Coastal Car. CC	214,716	100.0	-	-	-	-	-	-	-	-	-	-	214,716
Col. Albemarle	127,646	96.0	-	-	-	-	5,268	4.0	-	-	-	-	132,914
Craven CC	127,058	100.0	-	-	-	-	-	-	-	-	-	-	127,058
Davidson CC	208,596	100.0	-	-	-	-	-	-	-	-	-	-	208,596
Durham TCC	212,832	100.0	-	-	-	-	-	-	-	-	-	-	212,832
Edgecombe CC	144,858	100.0	-	-	-	-	-	-	-	-	-	-	144,858
Fayettev'le TCC	314,116	97.8	7,200	2.2	-	-	-	-	-	-	-	-	321,316
Forsyth TCC	383,785	100.0	-	-	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	-	-	276,234
Guilford TCC	515,028	100.0	-	-	-	-	-	-	-	-	-	-	515,028
Halifax CC	119,225	100.0	-	-	-	-	-	-	-	-	-	-	119,225
Haywood CC	206,927	88.1	23,754	10.1	4,100	1.7	-	-	-	-	-	-	234,781
Isothermal CC	184,286	100.0	-	-	-	-	-	-	-	-	-	-	184,286
J. Sprunt CC	112,017	97.8	-	-	-	-	600	0.5	-	-	1,944	1.7	114,561
Johnston CC	133,817	100.0	-	-	-	-	-	-	-	-	-	-	133,817
Lenoir CC	194,210	100.0	-	-	-	-	-	-	-	-	-	-	194,210
Martin CC	151,265	100.0	-	-	-	-	-	-	-	-	-	-	151,265
Mayland CC	64,141	100.0	-	-	-	-	-	-	-	-	-	-	64,141
McDowell CC	92,006	100.0	-	-	-	-	-	-	-	-	-	-	92,006
Mitchell CC	243,540	97.0	4,483	1.8	2,974	1.2	-	-	-	-	-	-	250,997
Montgomery CC	68,490	100.0	-	-	-	-	-	-	-	-	-	-	68,490
Nash CC	100,226	80.5	-	-	-	-	-	-	-	-	24,233	19.5	124,459
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	102,025	100.0	-	-	-	-	-	-	-	-	-	-	102,025
Pitt CC	160,298	90.3	-	-	-	-	-	-	-	-	17,256	9.7	177,554
Randolph CC	167,877	100.0	-	-	-	-	-	-	-	-	-	-	167,877
Richmond CC	116,664	100.0	-	-	-	-	-	-	-	-	-	-	116,664
Roanoke-Cho. CC	109,542	91.9	-	-	-	-	-	-	-	-	9,633	8.1	119,175
Robeson CC	143,273	85.9	-	-	-	-	-	-	-	-	23,560	14.1	166,833
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	-	-	211,521
Rowan-Cab. CC	191,582	100.0	-	-	-	-	-	-	-	-	-	-	191,582
Sampson CC	100,709	100.0	-	-	-	-	-	-	-	-	-	-	100,709
Sandhills CC	213,963	100.0	-	-	-	-	-	-	-	-	-	-	213,963
Southeastern CC	161,785	100.0	-	-	-	-	-	-	-	-	-	-	161,785
Southwestern CC	115,065	100.0	-	-	-	-	-	-	-	-	-	-	115,065
Stanly CC	84,740	85.7	14,131	14.3	-	-	-	-	-	-	-	-	98,871
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	-	-	166,706
Tri-County CC	76,964	83.0	-	-	6,541	7.1	8,400	9.1	864	0.9	-	-	92,769
Vance-Granv. CC	150,006	100.0	-	-	-	-	-	-	-	-	-	-	150,006
Wake TCC	272,725	100.0	-	-	-	-	-	-	-	-	-	-	272,725
Wayne CC	65,282	39.3	-	-	16,782	10.1	-	-	-	-	83,864	50.5	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,813	100.0	-	-	-	-	-	-	-	-	-	-	200,813
Wilson Co. TC	158,296	95.1	-	-	-	-	-	-	8,213	4.9	-	-	166,509
SUBTOTAL	9,934,341	91.3	415,001	3.8	210,554	1.9	144,382	1.3	14,701	0.1	160,490	1.5	10,879,469

TABLE 23:

ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been frequently estimated at over $55 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Beginning this year, previous year figures for these estimates have been replaced with current year dollar figures for total campus original building cost, estimated replacement cost and renovation/replacement needs.

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Major Research Universities:			
NC State	$ 130,014,935	$ 418,886,664	$ 86,690,244
NC State Vet.	23,846,176	30,160,869	140,749
UNC-Chapel Hill	183,088,181	703,880,945	129,736,389
UNC-Health Aff.	90,286,217	313,807,996	34,645,845
SUBTOTAL	427,235,509	1,466,736,474	251,213,227
Other Doctoral Universities:			
UNC-Greensboro	52,031,315	165,975,476	37,075,196
Comprehensive Universities:			
Appalachian	69,846,800	182,212,482	8,407,999
East Carolina	47,397,597	167,700,697	13,172,854
ECU-Health Aff	38,517,647	52,160,728	396,638
Fayetteville	25,894,571	57,397,510	6,647,714
NC A & T	50,154,971	134,779,986	14,891,094
NC Central	39,714,075	102,772,807	11,696,567
UNC-Charlotte	75,292,923	160,546,319	2,680,539
UNC-Wilmington	40,994,549	81,255,878	4,269,814
West'n Carolin	57,375,947	146,725,791	13,908,150
SUBTOTAL	445,189,080	1,085,552,198	76,071,369
Gen. Baccalaureate Universities:			
Elizabeth City	20,253,591	50,686,976	8,207,623
Pembroke	19,645,045	46,504,840	2,884,575
UNC-Asheville	19,247,563	34,376,303	12,906,259
Winston-Salem	23,768,447	56,161,393	4,808,368
SUBTOTAL	82,914,646	187,729,512	28,806,825

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 9,499,000	$ 29,853,919	$ 4,352,751
Teaching Hospital:			
NC Mem. Hosp.	61,731,405	128,067,848	-
Community Colleges:			
SUBTOTAL	285,595,945	648,235,660	25,634,039
	PRIVATE INSTITUTIONS		
Major Research Universities:			
SUBTOTAL	449,852,364	984,978,742	8,640,671
Gen. Baccalaureate Colleges:			
SUBTOTAL	276,261,085	942,246,037	24,355,340
Junior Colleges:			
SUBTOTAL	36,607,428	142,735,620	968,509
GRAND TOTAL	$2,126,917,777	$5,782,111,486	$457,117,927

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 6,196,312	$ 13,016,645	$ -
Anson CC	1,150,000	4,045,759	1,174,058
Ashev'le-Bun. TCC	8,548,069	19,110,820	830,013
Beaufort Co. CC	3,670,691	6,917,277	-
Bladen CC	1,947,818	5,137,695	8,830
Blue Ridge CC	3,199,436	6,660,945	-
Brunswick CC	1,208,355	3,147,181	442,576
Caldwell CC & TI	4,876,053	11,528,119	-
Cape Fear CC	4,951,014	14,719,542	-
Carteret CC	5,022,452	10,966,290	1,092,458
Catawba Vy. CC	5,764,052	15,177,636	-
C. Carolina CC	5,842,183	10,858,410	-
C. Piedmont CC	19,590,530	50,975,412	11,321,097
Cleveland CC	6,192,696	10,230,760	167,310
Coastal Car. CC	9,862,528	15,534,860	-
Col. Albemarle	4,120,940	7,675,857	268,603
Craven CC	3,316,684	7,734,837	-
Davidson Co. CC	5,722,765	12,957,422	-
Durham TCC	6,326,311	12,595,468	-
Edgecombe CC	4,155,300	8,682,501	-
Fayettev'le TCC	7,589,713	19,202,975	64,381
Forsyth TCC	8,962,924	25,800,083	-
Gaston Col.	8,012,969	18,063,754	-
Guilford TCC	10,576,220	34,906,324	-
Halifax CC	3,872,903	5,579,939	-
Haywood CC	6,764,429	12,594,689	345,026
Isothermal CC	5,494,512	10,685,773	-
J. Sprunt CC	3,096,076	6,528,746	42,478
Johnston CC	4,136,650	7,417,712	-
Lenoir CC	5,004,189	11,806,622	-

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	$ 2,807,675	$ 7,170,094	$ -
Mayland CC	2,255,603	3,870,473	-
McDowell CC	3,976,052	6,671,898	-
Mitchell CC	3,862,528	14,026,312	108,124
Montgomery CC	2,280,246	3,616,282	-
Nash CC	3,285,550	7,147,427	1,603,847
Pamlico CC	1,528,200	3,336,459	-
Piedmont CC	4,259,993	6,899,229	-
Pitt CC	4,574,160	10,768,770	775,580
Randolph CC	4,729,019	9,759,276	-
Richmond CC	2,329,950	7,209,828	-
Roanoke-Cho. CC	4,679,094	7,904,009	573,293
Robeson CC	5,242,000	10,825,748	1,494,713
Rockingham CC	5,089,427	13,086,215	-
Rowan-Cab. CC	3,622,700	11,547,184	-
Sampson CC	3,107,914	5,785,021	-
Sandhills CC	4,787,386	12,078,322	-
Southeastern CC	3,806,906	9,522,202	-
Southwestern CC	3,213,960	6,165,661	-
Stanly CC	3,336,000	6,220,782	166,916
Surry CC	4,471,500	9,852,598	-
Tri-County CC	3,090,673	5,791,677	516,376
Vance-Granv. CC	6,008,000	11,410,130	-
Wake TCC	7,600,207	16,357,812	-
Wayne CC	2,648,641	8,602,696	4,123,243
W. Piedmont CC	3,910,241	9,783,243	-
Wilkes CC	5,566,467	11,411,353	-
Wilson Co. TC	4,351,079	11,154,906	515,117
TOTAL	$285,595,945	$648,235,660	$25,634,039

Pedestrian Bridge, Asheville Buncombe Technical Community College

Asheville Buncombe Technical Community College has a long-established commitment to providing education opportunities for people whose mobility is impaired. Completed in November, 1987, at a cost of $257,000, the Pedestrian Bridge provides safe passage over a major city thoroughfare, Victoria Road, for the institution's approximately 3,000 curriculum students, several of whom are mobility impaired. Seven feet wide and two hundred sixty-two feet long, the bridge was specifically designed for people with these special needs.

With more than 90% of its assignable space accessible to the handicapped, Asheville Buncombe Technical Community College continues to make a concerted effort to ensure that all of the institution's programs and activities are accessible to handicapped students and staff. This effort is part of an overall commitment to providing an equal opportunity for every student to derive all of the benefits of attending the college.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions.

For purposes of this study, assignable space is considered to be accessible if a person in a wheelchair can, without assistance, reach that space from immediately outside the building in which the space is located.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1987	1986	1985	1984	1983
Major Research Universities:							
NC State	4,150,624	2,193,899	52.9	54.1	57.2	56.7	57.2
NC State Vet.	222,776	198,942	89.3	88.0	87.6	87.3	86.3
UNC-Chapel Hill	4,526,444	2,650,264	58.6	51.9	56.0	55.7	54.9
UNC-Health Aff.	1,210,480	1,043,284	86.2	84.0	84.7	82.0	81.3
SUBTOTAL	10,110,324	6,086,389	60.2	57.5	60.8	61.0	60.9
Other Doctoral Universities:							
UNC-Greensboro	1,718,596	1,018,008	59.2	59.1	56.5	54.1	54.0
Comprehensive Universities:							
Appalachian	1,878,216	995,981	53.0	51.6	51.5	50.8	45.1
East Carolina	1,893,980	848,944	44.8	44.8	43.5	43.6	43.6
ECU-Health Aff.	406,772	382,241	94.0	94.0	94.0	94.0	93.8
Fayetteville	558,299	267,243	47.9	40.8	40.8	-	-
NC A & T	1,428,304	680,160	47.6	46.2	45.2	45.2	45.3
NC Central	1,013,076	404,497	39.9	40.0	40.0	33.3	31.9
UNC-Charlotte	1,476,259	1,252,995	84.9	83.8	83.8	82.8	82.6
UNC-Wilmington	807,762	464,794	57.5	52.4	51.6	-	-
West'n Carolina	1,530,565	1,003,922	65.6	65.7	63.6	63.8	63.7
SUBTOTAL	10,993,233	6,300,777	57.3	56.0	55.2	55.2	53.9
Gen. Baccalaureate Universities:							
Elizabeth City	525,771	337,503	64.2	60.8	56.9	56.2	56.2
Fayetteville	-	-	-	-	-	40.8	38.2
Pembroke	477,222	290,920	61.0	54.1	54.1	54.1	54.1
UNC-Asheville	388,240	302,938	78.0	73.9	71.9	71.1	71.0
UNC-Wilmington	-	-	-	-	-	50.7	50.7
Winston-Salem	579,028	318,547	55.0	41.8	41.8	41.8	42.8
SUBTOTAL	1,970,261	1,249,908	63.4	55.8	54.4	51.1	51.1

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1987	1986	1985	1984	1983
Specialized Institution:							
NC Sch. of Arts	322,725	202,578	62.8	62.9	62.6	62.6	52.3
Teaching Hospital:							
NC Mem. Hosp.	688,854	683,863	99.3	92.2	90.5	90.2	89.9
Community Colleges:							
SUBTOTAL	7,576,436	6,910,793	91.2	90.4	90.2	90.4	90.2
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	7,181,257	4,627,542	64.4	61.4	61.1	56.7	55.9
Gen. Baccalaureate Colleges:							
SUBTOTAL	10,300,362	4,123,661	40.0	38.1	37.4	35.1	32.9
Junior Colleges:							
SUBTOTAL	1,568,420	703,368	44.8	44.3	44.5	43.7	42.1
GRAND TOTAL	52,430,468	31,906,887	60.9	58.5	58.6	57.3	56.3

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1987	1986	1985	1984	1983
Community Colleges:							
Alamance CC	106,000	105,168	99.2	99.2	99.2	99.1	99.1
Anson CC	51,500	40,975	79.6	84.2	84.6	87.4	87.4
Ashev'le-Bun. TCC	214,388	162,104	75.6	72.9	72.9	73.0	72.2
Beaufort Co. CC	99,469	90,782	91.3	91.3	90.9	89.7	82.7
Bladen CC	71,400	68,494	95.9	95.9	96.3	96.1	87.1
Blue Ridge CC	89,422	88,860	99.4	99.3	99.3	94.2	94.2
Brunswick CC	61,950	46,185	74.6	73.3	72.7	72.3	69.8
Caldwell CC & TI	128,520	118,449	92.2	91.8	91.8	91.8	91.8
Cape Fear CC	136,896	133,142	97.3	97.3	91.4	91.5	91.4
Carteret CC	126,685	104,855	82.8	81.7	94.6	94.7	93.0
Catawba Vy. CC	161,722	116,523	72.1	72.1	72.1	72.0	71.3
C. Carolina CC	121,746	119,164	97.9	97.5	97.6	97.2	97.2
C. Piedmont CC	479,104	442,788	92.4	92.1	92.2	95.5	95.5
Cleveland CC	120,448	115,185	95.6	95.6	95.6	95.6	95.8
Coastal Car. CC	155,551	155,551	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	94,999	94,899	99.9	99.9	99.9	99.9	95.8
Craven CC	91,657	91,089	99.4	99.4	99.4	99.4	99.6
Davidson Co. CC	145,065	144,613	99.7	99.7	99.7	99.7	99.8
Durham TCC	156,672	148,634	94.9	94.2	94.2	88.2	98.4
Edgecombe CC	93,163	76,244	81.8	79.4	76.8	76.5	76.0
Fayettev'le TCC	233,758	210,763	90.2	89.9	90.2	90.1	89.6
Forsyth TCC	284,269	278,730	98.1	98.0	98.0	96.8	97.0
Gaston Col.	192,544	179,098	93.0	93.0	92.9	93.1	93.3
Guilford TCC	370,642	258,029	69.6	67.7	66.6	64.8	61.9
Halifax CC	88,204	87,480	99.2	97.6	95.8	95.8	94.7
Haywood CC	183,400	161,921	88.3	88.1	88.1	88.0	87.8
Isothermal CC	142,366	117,651	82.6	82.6	81.8	81.6	81.5
J. Sprunt CC	86,591	78,866	91.1	90.1	90.1	90.1	90.1
Johnston CC	104,404	103,982	99.6	98.3	98.3	98.1	98.0
Lenoir CC	150,738	147,887	98.1	97.3	97.2	97.2	99.0

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1987	1986	1985	1984	1983
Community Colleges:							
Martin CC	110,951	108,464	97.8	97.8	97.8	97.7	97.5
Mayland CC	45,197	41,642	92.1	98.1	98.1	98.1	100.0
McDowell CC	69,553	66,816	96.1	88.7	88.7	88.7	88.7
Mitchell CC	181,016	149,492	82.6	78.1	78.1	78.0	76.0
Montgomery CC	46,643	46,367	99.4	99.4	99.4	99.4	95.3
Nash CC	89,147	76,377	85.7	87.3	84.9	85.5	85.4
Pamlico CC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont CC	87,666	85,395	97.4	97.3	97.3	97.3	97.3
Pitt CC	134,475	121,667	90.5	88.6	88.6	88.6	88.6
Randolph CC	133,871	133,871	100.0	100.0	100.0	100.0	100.0
Richmond CC	88,748	78,711	88.7	87.7	87.7	87.7	83.6
Roanoke-Cho. CC	83,752	80,332	95.9	87.5	87.1	87.1	91.4
Robeson CC	126,497	123,599	97.7	95.4	95.4	95.4	95.2
Rockingham CC	157,282	147,034	93.5	93.4	93.4	93.4	93.4
Rowan-Cab. CC	146,324	146,324	100.0	97.1	97.1	97.4	97.4
Sampson CC	73,496	71,167	96.8	93.2	93.2	93.3	93.4
Sandhills CC	156,515	144,445	92.3	91.7	91.7	91.7	91.7
Southeastern CC	120,029	96,433	80.3	80.8	78.7	78.7	78.7
Southwestern CC	88,395	85,420	96.6	96.3	96.3	96.3	96.3
Stanly CC	72,537	72,507	100.0	99.9	90.1	85.7	84.8
Surry CC	123,249	114,583	93.0	93.0	93.0	93.0	92.8
Tri-County CC	73,119	70,240	96.1	95.5	95.5	95.6	95.5
Vance-Granv. CC	95,005	83,864	88.3	88.3	87.2	87.2	87.2
Wake TCC	197,079	172,147	87.3	85.5	85.5	85.5	84.2
Wayne CC	131,809	120,376	91.3	91.4	91.3	91.1	91.1
W. Piedmont CC	103,760	96,154	92.7	92.7	92.7	92.0	94.5
Wilkes CC	148,803	143,973	96.8	96.8	97.1	97.1	97.9
Wilson Co. TC	119,520	117,786	98.5	98.5	98.4	98.4	98.4
TOTAL	7,576,436	6,910,793	91.2	90.4	90.2	90.4	90.2

TABLE 25:

ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has assignable space under the program and subprogram but that none of it is accessible. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. FT.	In-struc-tion 10	Re-search 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unas-signed 00
Major Research Universities:											
NC State	2,193,899	64.7	67.7	62.2	85.4	26.8	64.1	62.6	-	32.1	6.4
NC State Vet	198,942	74.2	96.5	99.8	97.0	93.1	100.0	100.0	-	-	-
UNC-Chapel Hill	2,650,264	78.5	87.3	73.4	78.9	34.6	59.8	74.9	100.0	52.8	30.3
UNC-Health Aff.	1,043,284	84.7	87.0	94.7	85.2	100.0	98.6	90.5	-	81.3	74.4
SUBTOTAL	6,086,389	72.7	78.4	76.3	81.7	31.4	62.2	69.5	100.0	56.0	37.6
Other Doctoral Universities:											
UNC-Greensboro	1,018,008	84.0	99.5	0.0	96.1	35.1	66.9	87.8	-	-	8.7
Comprehensive Universities:											
Appalachian	995,981	67.5	100.0	94.4	91.9	34.3	63.7	63.4	-	100.0	12.3
East Carolina	848,944	70.4	80.7	100.0	97.9	15.0	45.5	54.7	-	-	85.2
ECU-Health Aff.	382,241	95.5	100.0	100.0	99.9	44.7	-	11.4	-	-	-
Fayetteville	267,243	64.1	60.1	35.2	84.4	14.0	74.1	26.1	-	0.0	86.5
NC A & T	680,160	60.9	53.8	6.6	73.5	21.8	83.3	81.2	-	0.0	19.0
NC Central	404,497	64.6	0.0	100.0	77.4	13.1	9.9	0.0	-	0.0	6.1
UNC-Charlotte	1,252,995	98.5	100.0	-	100.0	70.7	100.0	100.0	-	-	-
UNC-Wilmington	464,794	81.4	36.4	-	95.7	30.2	57.5	91.6	-	33.1	5.6
West'n Carolina	1,003,922	86.2	98.5	100.0	98.2	49.5	43.0	48.4	-	23.7	34.3
SUBTOTAL	6,300,777	75.9	70.5	75.3	90.9	33.7	59.1	60.1	-	21.1	41.4
Gen. Baccalaureate Universities:											
Elizabeth City	337,503	88.5	-	100.0	97.6	40.1	66.2	100.0	-	100.0	43.0
Pembroke	290,920	79.8	100.0	100.0	60.4	41.1	66.6	90.2	-	-	68.6
UNC-Asheville	302,938	74.4	100.0	100.0	100.0	76.0	61.6	88.9	-	54.9	100.0
Winston-Salem	318,547	69.6	31.7	80.5	32.5	44.4	34.1	94.1	-	100.0	85.7
SUBTOTAL	1,249,908	77.7	59.7	99.4	72.0	48.9	56.8	92.9	-	72.9	71.0
Specialized Institution:											
NC Sch. of Arts	202,578	88.6	-	100.0	91.6	17.1	44.2	99.2	-	-	-
Teaching Hospital:											
N. C. Mem. Hosp.	683,863	-	100.0	99.3	-	-	100.0	100.0	-	-	95.8
Community Colleges:											
SUBTOTAL	6,910,793	91.4	-	86.5	95.7	95.0	87.2	74.1	-	98.3	69.5
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	4,627,064	78.0	79.6	91.3	87.7	33.4	52.1	44.1	-	79.1	100.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	4,123,661	55.3	55.1	20.4	74.3	31.3	22.8	39.1	-	8.4	30.1
Junior Colleges:											
SUBTOTAL	703,368	63.4	-	0.0	71.4	37.8	20.0	56.7	-	-	0.8
GRAND TOTAL	31,906,409	76.9	78.6	90.6	85.9	36.0	50.2	59.1	100.0	57.7	42.0

Table 25

Accessible Area
by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. FT.	In-struction 10	Re-search 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unas-signed 00
Community Colleges:											
Alamance CC	105,168	99.8	-	100.0	100.0	100.0	90.8	100.0	-	-	-
Anson CC	40,975	72.9	-	0.0	81.3	96.0	96.7	100.0	-	-	86.2
Ashev'le-Bun. TCC	162,104	76.1	-	-	84.2	100.0	60.1	98.5	-	-	0.0
Beaufort Co. CC	90,782	91.1	-	-	91.1	83.9	100.0	100.0	-	-	-
Bladen CC	68,494	94.2	-	-	100.0	96.3	99.5	100.0	-	100.0	100.0
Blue Ridge CC	88,860	99.3	-	100.0	100.0	99.4	97.9	100.0	-	-	-
Brunswick CC	46,185	73.4	-	100.0	100.0	90.9	100.0	100.0	-	-	29.0
Caldwell CC & TI	118,449	87.3	-	-	100.0	97.9	100.0	100.0	-	-	-
Cape Fear CC	133,142	97.8	-	100.0	100.0	90.6	99.4	-	-	35.8	-
Carteret CC	104,855	94.8	-	100.0	91.1	94.3	100.0	0.0	-	100.0	0.0
Catawba Vy. CC	116,523	66.9	-	-	100.0	100.0	48.5	-	-	-	100.0
C. Carolina CC	119,164	97.6	-	-	98.0	99.8	99.4	97.1	-	-	-
C. Piedmont CC	442,788	93.5	-	100.0	95.2	99.5	88.7	0.0	-	-	100.0
Cleveland CC	115,185	95.6	-	-	100.0	100.0	100.0	53.4	-	-	84.7
Coastal Car. CC	155,551	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Col. Albemarle	94,899	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	91,089	99.2	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson CC	144,613	100.0	-	-	99.1	98.7	99.6	100.0	-	-	-
Durham TCC	148,634	95.0	-	37.0	100.0	96.1	94.9	78.5	-	-	100.0
Edgecombe CC	76,244	77.6	-	-	81.6	96.7	100.0	0.0	-	-	100.0
Fayettev'le TCC	210,763	92.0	-	-	97.4	96.3	78.1	16.1	-	-	-
Forsyth TCC	278,730	97.7	-	100.0	98.8	98.6	98.1	100.0	-	-	100.0
Gaston Col.	179,098	95.9	-	-	88.0	94.2	64.8	100.0	-	-	100.0
Guilford TCC	258,029	63.7	-	100.0	91.0	85.0	71.8	6.8	-	100.0	100.0
Halifax CC	87,480	100.0	-	100.0	100.0	100.0	97.0	79.2	-	-	-
Haywood CC	161,921	84.6	-	100.0	94.4	100.0	100.0	98.8	-	100.0	-
Isothermal CC	117,651	88.6	-	100.0	37.0	74.2	87.1	100.0	-	-	-
J. Sprunt CC	78,866	92.1	-	-	97.2	96.1	79.4	65.3	-	-	-
Johnston CC	103,982	99.7	-	-	100.0	100.0	96.9	100.0	-	-	-
Lenoir CC	147,887	97.6	-	100.0	98.4	100.0	100.0	100.0	-	-	-
Martin CC	108,464	98.1	-	-	98.6	98.5	92.2	100.0	-	57.0	-
Mayland CC	41,642	97.7	-	0.0	100.0	100.0	100.0	-	-	-	100.0
McDowell CC	66,816	95.6	-	100.0	100.0	97.2	92.4	100.0	-	-	-
Mitchell CC	149,492	92.8	-	-	98.7	72.1	68.0	13.5	-	100.0	31.1
Montgomery CC	46,367	99.6	-	-	97.8	100.0	99.2	-	-	-	-
Nash CC	76,377	83.9	-	-	92.0	87.0	86.3	100.0	-	-	89.0
Pamlico CC	27,496	99.9	-	100.0	100.0	100.0	98.1	0.0	-	-	-
Piedmont CC	85,395	95.0	-	99.0	100.0	100.0	99.6	100.0	-	-	100.0
Pitt CC	121,667	87.9	-	100.0	98.7	81.0	86.4	100.0	-	-	100.0
Randolph CC	133,871	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	78,711	90.3	-	-	90.1	83.9	100.0	0.0	-	-	-
Roanoke-Cho. CC	80,332	94.6	-	100.0	100.0	100.0	88.3	100.0	-	100.0	100.0
Robeson CC	123,599	96.8	-	-	100.0	100.0	97.2	100.0	-	-	100.0
Rockingham CC	147,034	90.3	-	-	100.0	99.7	99.8	100.0	-	100.0	100.0
Rowan-Cab. CC	146,324	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Sampson CC	71,167	95.7	-	-	100.0	100.0	99.1	-	-	-	100.0
Sandhills CC	144,445	94.4	-	0.0	99.8	98.8	59.1	95.3	-	-	-
Southeastern CC	96,433	77.3	-	25.0	84.3	96.9	92.5	100.0	-	-	20.5
Southwestern CC	85,420	100.0	-	-	100.0	100.0	98.4	0.0	-	-	-
Stanly CC	72,507	100.0	-	100.0	100.0	100.0	99.5	100.0	-	-	100.0
Surry CC	114,583	90.9	-	100.0	100.0	94.8	96.5	100.0	-	-	-
Tri-County CC	70,240	99.1	-	-	79.9	100.0	74.3	-	-	-	-
Vance-Granv. CC	83,864	94.6	-	100.0	100.0	95.8	55.3	100.0	-	-	-
Wake TCC	172,147	90.4	-	-	98.8	88.8	74.2	62.0	-	-	83.5
Wayne CC	120,376	90.1	-	-	89.4	98.1	97.5	100.0	-	-	-
W. Piedmont CC	96,154	97.8	-	100.0	91.0	99.6	100.0	4.7	-	-	-
Wilkes CC	143,973	97.7	-	-	100.0	92.2	99.6	100.0	-	96.6	-
Wilson Co. TC	117,786	100.0	-	100.0	100.0	100.0	87.2	100.0	-	-	-
SUBTOTAL	6,910,793	91.4	-	86.5	95.7	95.0	87.2	74.1	-	98.3	69.5

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	64.6	-	98.8	-	100.0	-	-	-
NC State Vet.	74.2	-	-	-	-	-	-	-
UNC-Chapel Hill	78.3	-	0.0	100.0	100.0	-	-	-
UNC-Health Aff.	85.1	-	100.0	68.8	61.0	-	-	-
SUBTOTAL	72.6	-	87.2	81.5	83.6	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	84.2	-	11.0	-	-	-	-	-
Comprehensive Universities:								
Appalachian	68.8	-	-	54.8	-	-	-	-
East Carolina	70.4	-	-	-	-	-	-	-
ECU-Health Aff.	95.5	-	-	-	-	-	-	-
Fayetteville	63.2	-	-	100.0	-	-	-	-
NC A & T	60.9	-	100.0	-	-	-	-	-
NC Central	64.5	-	95.2	-	-	-	-	-
UNC-Charlotte	98.5	-	-	-	-	-	-	-
UNC-Wilmington	82.3	-	-	-	0.0	-	-	-
West'n Carolina	85.0	-	100.0	100.0	100.0	100.0	-	-
SUBTOTAL	76.2	-	99.0	58.4	37.4	100.0	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	88.1	-	100.0	-	-	-	-	-
Pembroke	79.5	-	100.0	-	-	-	-	-
UNC-Asheville	74.4	-	-	-	-	-	-	-
Winston-Salem	69.0	-	100.0	-	-	-	-	-
SUBTOTAL	77.3	-	100.0	-	-	-	-	-

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Major Research Universities:
-	67.7	-	-	93.2	34.6	-	NC State
-	96.5	99.6	100.0	-	-	-	NC State Vet.
75.6	88.4	-	-	83.7	-	0.0	UNC-Chapel Hill
79.6	87.4	96.5	98.8	52.7	-	-	UNC-Health Aff.
77.7	78.4	97.7	99.4	87.6	34.6	0.0	SUBTOTAL
							Other Doctoral Universities:
-	99.5	-	-	-	0.0	-	UNC-Greensboro
							Comprehensive Universities:
-	100.0	-	-	94.4	-	-	Appalachian
0.0	87.4	-	-	100.0	-	-	East Carolina
-	100.0	100.0	100.0	100.0	-	-	ECU-Health Aff.
-	60.1	-	-	29.8	-	100.0	Fayetteville
100.0	51.5	-	-	0.0	8.9	0.0	NC A & T
0.0	0.0	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
0.0	100.0	-	-	-	-	-	UNC-Wilmington
-	98.5	-	-	100.0	-	-	West'n Carolina
30.0	76.4	100.0	100.0	85.9	8.9	18.7	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	100.0	-	100.0	Elizabeth City
-	100.0	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	80.5	-	-	Winston-Salem
100.0	57.5	-	-	99.4	-	100.0	SUBTOTAL

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	88.6	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	92.4	91.8	91.2	81.1	88.8	100.0	76.5	88.2
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	77.9	-	100.0	60.8	77.0	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	55.6	0.0	18.7	100.0	0.0	0.0	-	-
Junior Colleges:								
SUBTOTAL	63.3	-	81.4	-	-	-	-	-
GRAND TOTAL	71.9	91.8	83.7	75.1	82.7	97.6	76.5	88.2

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospital:
-	100.0	100.0	99.0	-	-	-	NC Mem. Hosp.
							Community Colleges:
-	-	-	-	86.0	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	79.6	98.5	88.4	0.0	-	100.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	55.1	-	-	20.4	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
63.2	78.9	99.0	93.0	84.5	32.1	29.7	GRAND TOTAL

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Community Colleges:									
Alamance CC	-	99.7	-	100.0	100.0	-	-	-	100.0
Anson CC	-	81.0	0.0	23.2	74.2	-	-	-	0.0
Ashev'le-Bun. TCC	-	76.0	100.0	40.2	100.0	-	-	-	-
Beaufort Co. CC	100.0	90.8	-	93.9	-	-	-	-	-
Bladen CC	-	94.4	-	100.0	60.2	100.0	100.0	-	-
Blue Ridge CC	-	99.2	-	100.0	100.0	-	-	-	100.0
Brunswick CC	-	72.2	-	-	100.0	-	100.0	-	100.0
Caldwell CC & TI	73.9	90.2	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.7	-	100.0	100.0	-	-	-	100.0
Carteret CC	-	95.8	0.0	93.3	0.0	-	-	100.0	100.0
Catawba Vy. CC	-	65.1	100.0	100.0	-	-	-	100.0	-
C. Carolina CC	-	97.4	-	100.0	100.0	-	-	-	-
C. Piedmont CC	97.4	92.4	100.0	100.0	100.0	100.0	0.0	-	100.0
Cleveland CC	100.0	95.6	-	100.0	93.5	-	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.0	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	100.0	-	-
Durham TCC	-	100.0	100.0	100.0	2.7	-	-	-	37.0
Edgecombe CC	100.0	75.6	-	81.1	100.0	-	-	-	-
Fayettev'le TCC	100.0	91.9	-	100.0	-	-	-	-	-
Forsyth TCC	-	97.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	98.6	94.5	100.0	100.0	100.0	100.0	-	-	-
Guilford TCC*	100.0	64.7	89.0	5.6	84.1	100.0	-	54.0	100.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0
Haywood CC	-	82.3	-	100.0	93.5	-	-	100.0	100.0
Isothermal CC**	91.4	94.3	100.0	56.6	33.5	-	100.0	49.8	-
J. Sprunt CC	-	94.0	100.0	27.0	-	-	-	-	-
Johnston CC	-	99.7	-	100.0	-	-	-	-	-
Lenoir CC*	97.3	99.9	-	91.0	100.0	-	17.9	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Table 25a

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Community Colleges:									
Martin CC	94.6	98.8	-	100.0	-	-	-	-	-
Mayland CC	-	99.8	-	24.2	-	-	-	-	0.0
McDowell CC	100.0	96.2	-	73.0	100.0	-	-	-	100.0
Mitchell CC	81.8	100.0	100.0	100.0	100.0	-	-	-	-
Montgomery CC	-	99.6	-	-	-	-	-	-	-
Nash CC	-	82.3	28.4	100.0	100.0	100.0	100.0	100.0	-
Pamlico CC	-	99.9	-	-	-	-	-	-	100.0
Piedmont CC	-	94.6	100.0	100.0	100.0	-	-	-	99.0
Pitt CC*	93.7	90.0	0.0	30.8	-	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	-
Richmond CC	-	90.3	100.0	100.0	50.7	100.0	-	-	-
Roanoke-Cho. CC	-	94.2	-	100.0	100.0	-	-	100.0	100.0
Robeson CC	-	97.4	-	61.8	-	-	-	-	-
Rockingham CC	85.8	95.1	-	100.0	100.0	-	-	-	-
Rowan-Cab. CC	-	100.0	-	-	100.0	-	-	-	-
Sampson CC	-	95.0	-	100.0	-	-	-	-	-
Sandhills CC	93.4	97.0	100.0	53.1	62.8	-	0.0	-	0.0
Southeastern CC	89.4	76.3	0.0	82.7	-	-	-	-	25.0
Southwestern CC	-	100.0	-	100.0	-	-	-	100.0	-
Stanly CC**	-	100.0	-	-	100.0	-	-	-	100.0
Surry CC	80.3	95.4	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	99.9	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	100.0	93.4	100.0	100.0	100.0	-	-	-	100.0
Wake TCC	-	90.9	100.0	100.0	55.8	-	-	-	-
Wayne CC	58.9	96.2	100.0	71.7	-	-	-	-	-
W. Piedmont CC	97.0	99.4	-	86.4	100.0	-	-	-	100.0
Wilkes CC	100.0	96.7	-	100.0	-	-	-	-	-
Wilson Co. TC	-	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	92.4	91.8	91.2	81.1	88.8	100.0	76.5	88.2	86.0

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly CC - 100.0, Subtotal - 100.0

Table 25b

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	97.9	-	57.9	76.4	0.0	65.1	-	-
NC State Vet.	96.9	-	85.3	-	-	100.0	-	-
UNC-Chapel Hill	82.1	97.5	86.3	85.3	0.0	61.4	-	100.0
UNC-Health Aff.	100.0	-	92.1	94.7	1.8	78.2	98.3	100.0
SUBTOTAL	86.7	97.5	78.6	80.1	0.3	69.8	98.3	100.0
Other Doctoral Universities:								
UNC-Greensboro	99.8	100.0	100.0	100.0	88.9	8.2	-	-
Comprehensive Universities:								
Appalachian	100.0	100.0	100.0	92.4	24.9	74.7	100.0	100.0
East Carolina	100.0	100.0	100.0	100.0	100.0	85.6	-	-
ECU-Health Aff.	100.0	-	100.0	-	100.0	99.6	-	-
Fayetteville	100.0	85.3	0.0	100.0	0.0	88.5	-	-
NC A & T	99.7	77.6	100.0	100.0	57.2	64.8	-	-
NC Central	100.0	76.6	84.7	20.1	9.9	45.3	-	-
UNC-Charlotte	100.0	100.0	100.0	100.0	-	99.9	-	-
UNC-Wilmington	99.1	-	-	0.0	-	75.9	-	100.0
West'n Carolina	100.0	100.0	100.0	100.0	96.9	91.2	-	-
SUBTOTAL	99.8	93.9	87.1	75.1	74.0	77.5	100.0	100.0
Gen. Baccalaureate Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	88.1	-	-
Pembroke	35.7	100.0	100.0	100.0	-	81.9	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	-	100.0	-	-
Winston-Salem	12.0	0.0	95.1	100.0	16.2	64.7	-	-
SUBTOTAL	68.0	71.8	99.1	100.0	68.0	73.1	-	-

Table 25b

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	50.4	100.0	100.0	-	67.3	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	96.6	97.7	93.4	100.0	90.5	94.4	100.0	100.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	94.2	38.8	95.9	92.4	71.0	75.7	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	77.1	84.0	75.1	58.5	29.6	54.5	-	100.0
Junior Colleges:								
SUBTOTAL	76.6	0.0	-	59.0	-	53.6	-	-
GRAND TOTAL	90.2	80.5	88.8	83.8	71.1	74.8	99.5	100.0

Table 25b

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	-	100.0	100.0	-	-
Anson CC	100.0	-	100.0	-	-	19.8	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	100.0	-	41.0	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	40.4	-	-
Bladen CC	100.0	-	100.0	-	-	100.0	-	-
Blue Ridge CC	100.0	-	100.0	-	-	100.0	-	-
Brunswick CC	100.0	-	-	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	-	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	-	36.0	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	-	-	100.0	-	-
C. Carolina CC	97.4	-	100.0	-	-	100.0	-	-
C. Piedmont CC	100.0	-	88.2	-	67.5	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	100.0	-
Edgecombe CC	78.2	-	87.6	100.0	-	93.1	-	-
Fayettev'le TCC	98.2	-	90.0	-	-	99.7	-	-
Forsyth TCC	100.0	-	84.0	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	-	100.0	41.1	100.0	-	-
Guilford TCC	89.4	-	100.0	-	-	94.4	100.0	-
Halifax CC	100.0	-	-	-	-	100.0	-	-
Haywood CC	100.0	100.0	50.4	-	100.0	100.0	-	-
Isothermal CC	0.0	-	100.0	-	99.1	100.0	-	-
J. Sprunt CC	100.0	-	0.0	-	-	100.0	-	100.0
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	-	-	-	-	89.2	-	-

Table 25b

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	88.5	-	-
Mayland CC	100.0	-	-	-	-	100.0	-	-
McDowell CC	100.0	100.0	-	100.0	100.0	100.0	-	-
Mitchell CC	99.7	83.9	100.0	-	-	100.0	-	-
Montgomery CC	100.0	-	-	-	93.7	100.0	-	-
Nash CC	90.7	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	100.0	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	95.6	91.4	-	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	89.2	-	100.0	-	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	-	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	-	100.0	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.7	-	100.0	-	-	100.0	-	-
Southeastern CC	79.8	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	-	-	-	100.0	-	-
Surry CC	100.0	-	100.0	-	-	100.0	-	-
Tri-County CC	78.6	-	-	-	-	100.0	-	-
Vance-Granv. CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TCC	100.0	-	94.6	100.0	-	100.0	-	-
Wayne CC	92.6	-	65.8	-	-	100.0	-	-
W. Piedmont CC	100.0	-	48.9	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson Co. TC	100.0	-	100.0	-	100.0	100.0	-	-
TOTAL	96.6	97.7	93.4	100.0	90.5	94.4	100.0	100.0

Table 25c

Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid. Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	100.0	84.9	97.4	0.0	15.0	62.6	98.2	64.5	93.8	19.6	13.1	21.2
NC State Vet	-	100.0	-	-	93.0	-	-	-	100.0	100.0	-	-
UNC-Chapel Hill	0.0	81.5	60.8	0.0	15.9	88.8	96.0	100.0	82.1	65.3	59.2	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	90.5	-	-
SUBTOTAL	42.1	83.4	77.4	5.9	15.9	80.8	96.6	75.5	88.2	69.2	38.1	63.1
Other Doctoral Universities:												
UNC-Greensboro	87.8	80.5	43.0	92.4	27.8	-	97.7	82.6	96.2	-	93.8	-
Comprehensive Universities:												
Appalachian	60.7	78.3	93.8	100.0	20.5	82.3	99.6	50.5	67.2	100.0	100.0	-
East Carolina	0.0	65.0	54.0	80.9	6.6	47.0	-	13.5	69.9	0.0	-	-
ECU-Health Aff.	-	-	-	-	-	-	44.7	100.0	9.1	-	-	-
Fayetteville	100.0	37.8	100.0	100.0	6.8	41.6	0.0	-	0.0	-	-	100.0
NC A & T	100.0	69.2	100.0	57.4	10.5	28.3	100.0	100.0	82.8	100.0	0:0	100.0
NC Central	0.0	44.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	-	-	0.0
UNC-Charlotte	100.0	94.7	100.0	100.0	67.6	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	99.7	74.4	94.4	100.0	16.1	50.3	99.5	95.5	88.6	-	100.0	-
West'n Carolina	100.0	97.3	100.0	100.0	36.8	91.2	41.6	42.6	40.8	71.7	100.0	-
SUBTOTAL	73.4	74.2	79.9	71.3	24.9	51.8	65.7	54.1	58.2	63.4	90.3	83.4
Gen. Baccalaureate Universities:												
Elizabeth City	100.0	98.8	100.0	65.2	28.0	92.4	0.0	100.0	100.0	-	-	-
Pembroke	100.0	77.3	100.0	100.0	24.7	100.0	78.2	68.0	100.0	71.0	-	100.0
UNC-Asheville	100.0	100.0	100.0	100.0	76.2	0.0	100.0	100.0	100.0	21.4	100.0	100.0
Winston-Salem	52.6	99.9	83.9	69.5	32.1	69.1	0.0	100.0	91.9	-	100.0	-
SUBTOTAL	73.5	90.9	97.2	75.3	39.1	60.6	31.6	91.0	97.0	25.9	100.0	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	83.1	0.0	100.0	2.3	-	0.0	97.0	100.0	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	100.0	-	-	-
Community Colleges:												
SUBTOTAL	95.2	91.2	96.4	95.5	97.7	97.2	99.1	78.5	71.3	93.3	100.0	86.4
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	99.7	70.5	35.0	58.8	21.4	84.4	62.5	48.4	47.9	84.9	17.8	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	44.9	50.4	29.2	30.6	25.1	67.7	47.8	43.9	40.2	11.0	70.4	13.2
Junior Colleges:												
SUBTOTAL	76.3	58.2	62.8	36.2	33.5	50.3	39.5	38.2	64.9	37.4	0.0	100.0
GRAND TOTAL	73.0	69.2	77.3	59.6	25.8	73.1	66.0	60.3	61.0	60.8	44.1	60.0

Table 25c

Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid. Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	92.0	-	100.0	100.0	-	-	-	100.0	-	-	-
Ashev'le-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	100.0	-	100.0
Beaufort Co. CC	100.0	72.1	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.7	100.0	-	100.0	-	-	-	100.0	-	-	-
Blue Ridge CC	100.0	99.2	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Brunswick CC	100.0	-	100.0	100.0	87.4	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	67.9	100.0	100.0	-	-	-	100.0	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	78.8	-	-	-	-	-	-	-
Carteret CC	100.0	82.4	100.0	100.0	100.0	-	-	0.0	0.0	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	45.7	97.1	-	-	-	-
C. Piedmont CC	100.0	98.0	100.0	100.0	100.0	-	-	0.0	0.0	0.0	-	0.0
Cleveland CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	33.2	-	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson CC	100.0	95.2	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
Durham TCC	100.0	82.1	100.0	-	100.0	-	-	-	99.0	100.0	-	0.0
Edgecombe CC	100.0	100.0	75.0	0.0	100.0	-	-	-	0.0	-	-	-
Fayettev'le TCC	91.7	93.0	100.0	-	100.0	-	100.0	-	0.0	100.0	-	-
Forsyth TCC	-	100.0	100.0	100.0	98.0	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	89.5	100.0	100.0	98.8	-	100.0	-	100.0	-	-	-
Guilford TCC	89.7	84.7	66.9	100.0	87.3	-	100.0	-	4.9	100.0	-	-
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood CC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	98.4
Isothermal CC	100.0	44.3	100.0	-	95.4	-	-	100.0	100.0	100.0	-	-
J. Sprunt CC	85.7	89.2	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-
Martin CC	53.7	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Mayland CC	-	-	100.0	100.0	100.0	-	-	-	-	-	-	-
McDowell CC	100.0	-	100.0	100.0	95.8	-	100.0	-	100.0	-	-	100.0
Mitchell CC	100.0	51.9	100.0	100.0	93.9	-	-	-	13.5	-	-	-
Montgomery CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Nash CC	100.0	0.0	78.9	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	48.9	0.0	100.0	0.0	100.0	0.0	-	-	100.0	100.0	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	60.2	-	100.0	-	0.0	-	-	-
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	100.0	100.0	100.0	99.2	-	-	100.0	100.0	-	-	100.0
Rowan-Cab. CC	100.0	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Sampson CC	100.0	-	100.0	100.0	100.0	-	-	-	-	-	-	-
Sandhills CC	100.0	89.7	100.0	100.0	99.9	-	-	-	96.3	56.7	100.0	100.0
Southeastern CC	100.0	92.7	94.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	88.9	81.5	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	91.3	100.0	96.8	-	-	-	100.0	-	-	-
Wake TCC	100.0	85.7	96.6	100.0	85.7	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	95.5	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	-	-	0.0
Wilkes CC	100.0	90.8	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson Co. TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
SUBTOTAL	95.2	91.2	96.4	95.5	97.7	97.2	99.1	78.5	71.3	93.3	100.0	86.4

Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

									Indep. Opns.		Unassigned	
INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Major Research Universities:												
NC State	19.7	56.1	72.5	100.0	26.6	1.8	100.0	100.0	23.1	41.6	59.1	2.3
NC State Vet	-	-	100.0	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	14.4	51.9	79.7	91.4	0.0	11.5	52.2	98.2	30.3	88.8	42.5	25.4
UNC-Health Aff.	-	-	100.0	95.9	100.0	100.0	100.0	100.0	36.2	98.5	72.4	97.0
SUBTOTAL	15.7	54.0	77.5	94.9	6.9	10.9	72.7	98.7	30.2	86.8	57.0	24.7
Other Doctoral Universities:												
UNC-Greensboro	90.3	80.8	80.4	0.0	0.0	2.7	97.0	-	-	-	100.0	8.7
Comprehensive Universities:												
Appalachian	93.6	100.0	44.1	97.7	15.3	93.4	59.8	97.3	-	100.0	0.0	46.4
East Carolina	57.8	47.9	36.8	67.5	6.0	35.5	100.0	100.0	-	-	86.2	-
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	100.0	100.0	86.5	-	18.9	100.0	100.0	100.0	0.0	0.0	86.5	-
NC A & T	79.2	90.9	95.4	100.0	56.4	91.8	100.0	100.0	-	0.0	33.0	0.0
NC Central	0.0	0.0	9.7	0.0	35.8	0.0	0.0	0.0	-	0.0	7.7	0.0
UNC-Charlotte	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
UNC-Wilmington	46.1	45.2	90.0	0.0	0.0	61.4	98.2	94.5	-	33.1	100.0	0.0
West'n Carolina	75.3	100.0	68.9	100.0	4.6	97.8	78.2	100.0	-	23.7	4.8	41.9
SUBTOTAL	73.1	77.7	62.5	66.8	19.2	69.9	79.0	91.3	0.0	21.1	53.0	18.7
Gen. Baccalaureate Universities:												
Elizabeth City	88.9	100.0	100.0	100.0	15.3	100.0	100.0	100.0	-	100.0	64.1	39.4
Pembroke	100.0	100.0	18.7	100.0	94.0	100.0	0.0	100.0	-	-	0.0	96.7
UNC-Asheville	31.6	81.4	68.4	100.0	25.6	100.0	100.0	100.0	-	54.9	-	100.0
Winston-Salem	63.1	9.5	18.5	-	55.7	0.0	0.0	54.4	-	100.0	79.9	99.6
SUBTOTAL	71.9	65.2	51.8	100.0	42.4	70.9	42.3	78.4	-	72.9	65.7	75.4
Specialized Institution:												
NC Sch. of Arts	27.6	100.0	70.8	100.0	17.6	49.8	100.0	100.0	-	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	100.0	-	-	-	-	-	-	-	95.8	-
Community Colleges:												
SUBTOTAL	93.7	99.0	80.9	95.2	69.1	89.1	95.2	98.5	97.4	98.4	76.4	61.8
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	80.7	82.1	63.1	99.9	5.8	32.3	45.7	83.4	53.6	91.9	100.0	100.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	45.6	50.4	36.2	28.6	9.3	29.7	44.0	48.9	0.5	12.6	50.3	9.7
Junior Colleges:												
SUBTOTAL	49.3	53.9	54.0	8.2	1.9	39.7	40.3	34.2	-	-	1.0	0.0
GRAND TOTAL	69.8	73.5	64.9	74.0	13.2	39.7	63.2	83.0	35.6	71.5	58.8	27.9

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

									Indep. Opns.		Unassigned	
INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	-	43.5	100.0	100.0	100.0	-	-	-	-
Anson CC	100.0	100.0	100.0	0.0	-	-	-	-	-	-	86.2	-
Ashev'le-Bun. TCC	5.6	100.0	63.7	0.0	63.6	-	100.0	100.0	-	-	-	0.0
Beaufort Co. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	-	-
Bladen CC	98.5	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Blue Ridge CC	97.1	97.5	100.0	-	-	100.0	-	100.0	-	-	-	-
Brunswick CC	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-	100.0	0.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Cape Fear CC	100.0	100.0	98.7	100.0	-	100.0	-	100.0	-	35.8	-	-
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	0.0
Catawba Vy. CC	100.0	100.0	23.4	-	100.0	100.0	-	100.0	-	-	-	100.0
C. Carolina CC	98.2	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
C. Piedmont CC	100.0	100.0	93.3	100.0	47.5	100.0	100.0	100.0	-	-	100.0	100.0
Cleveland CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	84.7	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	-	-	-
Durham TCC	100.0	100.0	94.4	100.0	100.0	100.0	81.7	100.0	-	-	-	100.0
Edgecombe CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	100.0	-
Fayettev'le TCC	100.0	100.0	48.5	85.0	100.0	100.0	100.0	89.4	-	-	-	-
Forsyth TCC	99.2	100.0	100.0	-	100.0	100.0	100.0	85.8	-	-	100.0	100.0
Gaston Col.	60.6	100.0	53.0	-	100.0	100.0	100.0	100.0	-	-	100.0	-
Guilford TCC	98.7	84.9	61.7	100.0	30.9	100.0	87.3	100.0	100.0	-	100.0	-
Halifax CC	88.9	100.0	97.6	100.0	86.5	-	100.0	100.0	-	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
Isothermal CC	70.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	42.9	86.2	96.7	-	-	58.5	100.0	100.0	-	-	-	-
Johnston CC	96.1	100.0	97.9	100.0	73.5	-	100.0	100.0	-	-	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Martin CC	100.0	93.5	84.6	100.0	78.6	-	-	100.0	-	57.0	-	-
Mayland CC	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-	100.0
McDowell CC	95.3	98.1	94.6	100.0	0.0	0.0	-	100.0	-	-	-	-
Mitchell CC	100.0	100.0	39.1	-	100.0	52.2	100.0	100.0	-	100.0	31.1	-
Montgomery CC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	-
Nash CC	96.7	100.0	69.0	100.0	100.0	100.0	-	100.0	-	-	68.4	98.2
Pamlico CC	100.0	94.3	100.0	100.0	-	-	-	100.0	-	-	-	-
Piedmont CC	98.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	100.0	-
Pitt CC	94.8	100.0	76.1	100.0	100.0	0.0	0.0	96.9	-	-	-	100.0
Randolph CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Roanoke-Cho. CC	98.0	100.0	78.1	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
Robeson CC	97.2	100.0	94.9	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Rowan-Cab. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Sampson CC	95.1	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0	-
Sandhills CC	96.9	100.0	98.3	100.0	4.7	0.0	0.0	100.0	-	-	-	-
Southeastern CC	100.0	100.0	100.0	0.0	-	0.0	100.0	100.0	-	-	20.5	-
Southwestern CC	100.0	100.0	100.0	-	-	100.0	-	71.9	-	-	-	-
Stanly CC	100.0	100.0	96.0	100.0	-	100.0	100.0	100.0	-	-	100.0	-
Surry CC	97.3	96.7	100.0	100.0	79.6	100.0	100.0	100.0	-	-	-	-
Tri-County CC	100.0	100.0	58.0	100.0	100.0	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	28.8	-	100.0	100.0	100.0	94.3	-	-	-	-
Wake TCC	100.0	100.0	50.2	100.0	100.0	100.0	100.0	85.2	-	-	0.0	100.0
Wayne CC	100.0	100.0	97.7	69.6	-	100.0	-	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.6	-	-	-
Wilson Co. TC	100.0	100.0	75.2	-	100.0	100.0	100.0	100.0	-	-	-	-
SUBTOTAL	93.7	99.0	80.9	95.2	69.1	89.1	95.2	98.5	97.4	98.4	76.4	61.8

TABLE 26:

ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to insure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have assignable area under the indicated summary room code but that none of it was accessible. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Codes

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Major Research Universities:										
NC State	2,193,899	52.9	167,559	80.3	599,653	71.4	561,921	70.4	153,553	92.6
NC State Vet	198,942	89.3	7,567	98.0	43,232	89.5	31,053	98.1	12,895	97.2
UNC-Chapel Hill	2,650,264	58.6	169,635	77.7	308,187	85.9	512,058	68.0	492,784	78.6
UNC-Health Aff.	1,043,284	86.2	45,550	81.5	370,054	88.2	362,326	81.5	63,314	97.6
SUBTOTAL	6,086,389	60.2	390,311	79.5	1,321,126	79.3	1,467,358	72.4	722,546	83.0
Other Doctoral Universities:										
UNC-Greensboro	1,018,008	59.2	116,386	95.0	142,228	92.7	221,102	76.3	143,015	97.4
Comprehensive Universities:										
Appalachian	995,981	53.0	114,863	82.3	96,591	74.0	211,663	75.9	108,016	99.5
East Carolina	848,944	44.8	99,645	68.9	183,314	74.6	167,514	65.7	124,447	96.6
ECU-Health Aff.	382,241	94.0	33,995	100.0	133,642	99.9	106,625	98.5	39,081	99.6
Fayetteville	267,243	47.9	21,877	56.7	42,103	74.7	60,511	77.9	75,048	95.3
NC A & T	680,160	47.6	82,563	63.7	103,384	48.1	166,440	67.7	52,184	92.2
NC Central	404,497	39.9	65,271	60.6	43,109	50.2	67,680	40.7	93,569	87.2
UNC-Charlotte	1,252,995	84.9	91,134	99.3	207,434	98.5	231,210	100.0	105,210	100.0
UNC-Wilmington	464,794	57.5	46,735	88.4	56,319	79.1	99,993	74.4	113,842	99.2
West'n Carolina	1,003,922	65.6	84,759	86.7	121,322	94.8	170,495	81.7	117,888	100.0
SUBTOTAL	6,300,777	57.3	640,842	76.6	987,218	77.3	1,282,131	75.2	829,285	96.8
Gen. Baccalaureate Universities:										
Elizabeth City	337,503	64.2	22,218	82.2	35,000	90.0	62,080	90.9	32,370	89.3
Pembroke	290,920	61.0	38,414	81.6	28,782	84.2	54,202	85.1	14,204	48.2
UNC-Asheville	302,938	78.0	24,333	98.0	37,503	95.3	48,156	83.8	39,716	99.5
Winston-Salem	318,547	55.0	38,902	63.0	17,856	40.1	48,722	53.9	8,546	26.5
SUBTOTAL	1,249,908	63.4	123,867	77.1	119,141	75.9	213,160	76.2	94,836	68.8
Specialized Institution:										
NC Sch. of Arts	202,578	62.8	14,300	100.0	95,974	93.8	31,784	72.3	17,677	94.9
Teaching Hospital:										
N. C. Mem. Hosp.	683,863	99.3	-	-	820	100.0	200,960	98.6	4,037	100.0
Community Colleges:										
SUBTOTAL	6,910,793	91.2	1,236,853	91.7	2,566,338	91.8	1,060,012	92.6	622,122	95.8
					PRIVATE INSTITUTIONS					
Major Research Universities:										
SUBTOTAL	4,627,542	64.4	187,536	77.3	770,491	85.7	1,197,350	80.7	525,472	93.1
Gen. Baccalaureate Colleges:										
SUBTOTAL	4,123,661	40.0	370,627	53.1	377,571	51.7	479,103	45.9	478,229	71.8
Junior Colleges:										
SUBTOTAL	703,368	44.8	64,619	57.1	65,230	57.1	65,927	55.9	74,712	77.6
GRAND TOTAL	31,906,887	60.9	3,145,341	78.1	6,446,137	81.6	6,218,887	74.6	3,511,931	87.5

Table 26

Accessible Area by Room Codes

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Major Research Universities:
245,486	43.3	259,387	70.2	112,298	53.5	10,221	97.7	83,380	8.6	441	6.8	NC State
33,931	67.1	10,496	94.7	7,321	100.0	52,447	99.1	-	-	-	-	NC State Vet
446,954	85.1	405,150	75.4	176,112	66.1	18,867	95.0	101,549	8.8	18,968	30.3	UNC-Chapel Hill
61,561	94.1	44,168	95.9	20,225	63.7	62,451	98.2	0	0.0	13,635	74.4	UNC-Health Aff.
787,932	65.2	719,201	74.6	315,956	61.3	143,986	98.1	184,929	8.7	33,044	37.8	SUBTOTAL
												Other Doctoral Universities:
44,455	80.5	166,635	67.1	80,531	85.9	9,842	96.4	84,593	17.2	9,221	8.7	UNC-Greensboro
												Comprehensive Universities:
112,649	56.3	239,092	78.9	56,129	57.8	11,921	99.6	43,737	7.2	1,320	39.6	Appalachian
100,589	67.7	135,071	72.2	29,627	49.9	-	-	8,737	1.2	-	-	East Carolina
19,235	62.0	8,676	92.7	10,433	65.2	30,554	86.8	-	-	-	-	ECU-Health Aff.
14,477	31.1	25,135	34.6	16,859	59.9	0	0.0	4,610	3.2	6,623	65.2	Fayetteville
123,319	62.3	107,309	65.9	28,601	89.1	6,016	100.0	4,200	1.2	6,144	19.4	NC A & T
81,179	60.0	34,940	32.0	3,247	10.2	0	0.0	14,892	5.8	610	7.6	NC Central
98,947	96.3	187,812	97.5	34,794	100.0	6,162	90.9	290,292	58.0	-	-	UNC-Charlotte
65,759	63.5	44,194	53.3	19,705	80.8	1,219	100.0	17,028	7.9	0	0.0	UNC-Wilminton
157,916	80.5	177,451	80.0	29,513	63.3	1,924	45.5	135,688	27.5	6,966	41.9	West'n Carolina
774,070	66.6	959,680	71.5	228,908	61.8	57,796	78.0	519,184	15.8	21,663	27.8	SUBTOTAL
												Gen. Baccalaureate Universities:
62,470	91.6	76,178	91.2	14,543	100.0	0	0.0	24,849	15.2	7,795	37.8	Elizabeth City
48,834	76.9	74,651	86.3	7,201	42.5	2,160	76.6	6,832	6.2	15,640	68.6	Pembroke
2,408	7.1	54,177	93.2	14,706	83.3	990	100.0	79,782	69.6	1,167	100.0	UNC-Asheville
59,625	92.1	75,369	83.7	11,730	63.5	0	0.0	23,239	16.8	34,558	95.8	Winston-Salem
173,337	75.2	280,375	88.1	48,180	71.3	3,150	28.2	134,702	25.6	59,160	73.3	SUBTOTAL
												Specialized Institution:
723	9.3	20,498	53.1	21,622	93.8	0	0.0	0	0.0	-	-	NC Sch. of Arts
												Teaching Hospital:
1,692	100.0	43,654	100.0	52,990	99.7	376,201	99.5	3,509	100.0	-	-	N. C. Mem. Hosp.
												Community Colleges:
373,856	89.4	693,021	95.2	277,026	76.5	2,055	99.1	897	6.9	78,613	68.5	SUBTOTAL
												Major Research Universities:
260,777	57.6	564,143	73.6	258,262	55.2	676,927	97.7	185,887	11.5	697	100.0	SUBTOTAL
												Gen. Baccalaureate Colleges:
712,059	64.6	996,659	55.4	146,389	38.6	23,089	46.9	517,630	14.0	22,305	15.6	SUBTOTAL
												Junior Colleges:
110,720	67.6	165,314	63.0	33,874	56.4	3,785	42.3	119,187	19.2	0	0.0	SUBTOTAL
3,239,621	67.4	4,609,180	70.8	1,463,738	61.2	1,296,831	94.3	1,750,518	14.1	224,703	36.2	GRAND TOTAL

Table 26

Accessible Area by Room Codes

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	105,168	99.2	19,622	100.0	46,073	99.6	14,217	99.8	8,290	100.0
Anson CC	40,975	79.6	5,451	76.6	14,034	73.7	5,059	56.7	6,624	100.0
Ashev'le-Bun. TCC	162,104	75.6	43,676	82.9	51,233	66.6	22,824	69.6	9,200	100.0
Beaufort Co. CC	90,782	91.3	13,889	74.3	34,616	100.0	15,444	89.8	8,491	100.0
Bladen CC	68,494	95.9	6,498	100.0	28,652	92.7	7,894	98.7	5,240	100.0
Blue Ridge CC	88,860	99.4	12,310	100.0	44,593	99.0	9,970	99.3	4,517	100.0
Brunswick CC	46,185	74.6	9,933	84.8	20,049	80.0	7,249	96.5	2,702	32.9
Caldwell CC & TI	118,449	92.2	18,138	88.5	36,883	83.9	18,758	97.7	12,941	100.0
Cape Fear CC	133,142	97.3	14,459	95.3	59,692	98.6	27,690	98.6	13,123	100.0
Carteret CC	104,855	82.8	12,812	96.1	35,836	96.6	7,887	78.9	6,367	100.0
Catawba Vy. CC	116,523	72.1	29,301	93.2	32,105	50.2	20,783	91.1	14,597	100.0
C. Carolina CC	119,164	97.9	22,280	100.0	55,504	97.0	17,449	97.4	8,281	97.0
C. Piedmont CC	442,788	92.4	84,166	98.0	144,065	89.9	81,204	96.1	57,192	100.0
Cleveland CC	115,185	95.6	19,554	91.7	47,189	96.5	17,904	98.8	13,183	100.0
Coastal Car. CC	156,551	100.0	27,339	100.0	64,635	100.0	23,399	100.0	15,293	100.0
Col. Albemarle	94,899	99.9	14,879	100.0	38,717	99.7	15,899	100.0	11,415	100.0
Craven CC	91,089	99.4	18,807	100.0	38,511	98.7	12,412	99.6	14,418	100.0
Davidson CC	144,613	99.7	28,648	100.0	43,869	100.0	22,653	100.0	15,832	98.4
Durham TCC	148,634	94.9	23,339	89.7	56,372	97.3	26,084	90.7	13,445	100.0
Edgecombe CC	76,244	81.8	14,699	68.8	24,735	81.8	14,231	89.3	8,312	76.6
Fayettev'le TCC	210,763	90.2	52,022	98.0	69,456	91.2	42,445	91.1	11,655	98.2
Forsyth TCC	278,730	98.1	60,683	100.0	95,658	95.4	39,137	99.3	20,172	100.0
Gaston Col.	179,098	93.0	36,509	94.0	72,000	96.8	28,713	94.2	9,772	100.0
Guilford TCC	258,029	69.6	50,083	73.1	79,878	58.6	47,526	86.8	28,868	89.7
Halifax CC	87,480	99.2	14,098	100.0	34,589	100.0	11,988	99.4	10,541	100.0
Haywood CC	161,921	88.3	12,698	77.0	94,696	95.6	17,303	95.1	7,038	100.0
Isothermal CC	117,651	82.6	23,344	86.0	38,708	84.8	15,727	90.0	1,432	13.1
J. Sprunt CC	78,866	91.1	9,975	91.3	33,225	96.2	15,716	80.5	4,336	100.0
Johnston CC	103,982	99.6	17,920	100.0	45,365	99.4	12,495	99.7	4,880	100.0
Lenoir CC	147,887	98.1	26,572	96.4	47,500	97.6	20,754	97.9	16,920	98.7
Martin CC	108,464	97.8	18,738	96.4	41,050	99.4	11,330	93.1	13,448	100.0
Mayland CC	41,642	92.1	6,001	95.3	14,208	99.6	6,409	66.6	3,226	100.0
McDowell CC	66,816	96.1	15,075	89.5	29,755	98.3	9,708	96.5	4,962	100.0
Mitchell CC	149,492	82.6	33,446	94.9	45,067	95.2	17,299	87.1	14,722	100.0
Montgomery CC	46,367	99.4	6,280	100.0	23,824	99.9	6,567	98.2	2,909	100.0
Nash CC	76,377	85.7	25,193	92.9	19,080	73.5	11,153	88.7	3,325	94.1
Pamlico CC	27,496	95.7	4,363	100.0	11,183	100.0	4,419	98.5	3,916	100.0
Piedmont CC	85,395	97.4	10,064	95.8	23,155	93.4	12,777	99.6	6,684	100.0
Pitt CC	121,667	90.5	20,537	84.3	43,429	96.0	14,560	67.6	19,711	100.0
Randolph CC	133,871	100.0	20,809	100.0	55,221	100.0	21,157	100.0	12,034	100.0
Richmond CC	78,711	88.7	12,264	79.7	38,331	95.4	12,656	93.1	6,128	84.8
Roanoke-Cho. CC	80,332	95.9	16,364	100.0	27,316	92.0	10,713	95.1	6,896	100.0
Robeson CC	123,599	97.7	23,337	92.9	44,696	98.5	21,384	99.9	9,488	100.0
Rockingham CC	147,034	93.5	20,033	93.0	46,273	95.4	20,694	99.5	14,550	100.0
Rowan-Cab. CC	146,324	100.0	31,233	100.0	50,533	100.0	18,774	100.0	15,798	100.0
Sampson CC	71,167	96.8	13,720	96.0	26,893	98.3	13,277	98.9	12,640	100.0
Sandhills CC	144,445	92.3	23,866	96.9	51,858	98.3	22,696	88.3	11,530	99.4
Southeastern CC	96,433	80.3	11,097	55.7	33,233	91.8	13,876	68.3	10,446	79.8
Southwestern CC	86,420	96.6	17,626	100.0	32,697	100.0	13,270	98.5	9,180	100.0
Stanly CC	72,507	100.0	17,672	100.0	28,915	100.0	11,923	99.7	4,443	100.0
Surry CC	114,583	93.0	13,407	64.7	38,756	100.0	13,369	93.7	11,101	100.0
Tri-County CC	70,240	96.1	14,965	97.8	39,498	99.7	6,836	96.3	4,271	81.7
Vance-Granv. CC	83,864	88.3	14,917	86.5	34,276	98.0	16,121	96.7	7,032	100.0
Wake TCC	172,147	87.3	28,116	86.6	61,999	91.4	35,167	95.3	12,136	98.5
Wayne CC	120,376	91.3	23,996	92.4	54,487	90.4	20,837	90.3	6,336	92.7
W. Piedmont CC	96,154	92.7	13,962	99.6	36,402	99.9	16,537	96.0	10,442	100.0
Wilkes CC	143,973	96.8	21,917	94.9	32,533	99.8	16,637	97.7	9,588	100.0
Wilson Co. TC	117,786	98.5	14,162	100.0	53,232	100.0	19,052	95.4	10,103	100.0
SUBTOTAL	6,910,793	91.2	1,236,863	91.7	2,566,338	91.8	1,060,012	92.6	622,122	95.8

Table 26

Accessible Area by Room Codes

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
4,101	100.0	8,746	100.0	4,119	100.0	-	-	0	0.0	-	-	Alamance CC
240	100.0	4,416	100.0	4,029	100.0	-	-	-	-	1,122	100.0	Anson CC
14,151	96.6	8,696	97.9	12,324	68.1	-	-	-	-	0	0.0	Ashev'le-Bun. TCC
940	100.0	10,546	83.2	6,866	100.0	-	-	-	-	-	-	Beaufort Co. CC
349	100.0	14,101	96.3	5,623	100.0	-	-	-	-	137	100.0	Bladen CC
4,492	100.0	4,652	99.3	8,326	100.0	-	-	-	-	-	-	Blue Ridge CC
-	-	1,714	90.4	3,304	100.0	-	-	-	-	1,234	29.0	Brunswick CC
15,570	98.8	11,259	100.0	4,900	100.0	-	-	-	-	-	-	Caldwell CC & TI
3,283	100.0	11,917	88.3	2,978	100.0	-	-	0	0.0	-	-	Cape Fear CC
1,275	100.0	22,272	98.2	18,406	98.5	-	-	-	-	0	0.0	Carteret CC
4,964	90.1	13,251	100.0	0	0.0	-	-	-	-	1,522	100.0	Catawba Vy. CC
3,474	100.0	7,633	100.0	4,527	97.4	16	45.7	-	-	-	-	C. Carolina CC
26,669	89.4	41,773	93.0	7,269	54.5	-	-	0	0.0	450	100.0	C. Piedmont CC
2,392	100.0	9,043	100.0	5,688	78.3	-	-	-	-	232	100.0	Cleveland CC
3,939	100.0	15,006	100.0	5,940	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	9,653	100.0	3,610	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	4,250	100.0	894	100.0	-	-	-	-	-	-	Craven CC
14,697	100.0	12,130	98.5	6,668	100.0	116	100.0	-	-	-	-	Davidson CC
2,616	100.0	14,374	100.0	7,914	87.8	-	-	-	-	4,490	100.0	Durham TCC
1,860	92.9	10,975	98.9	1,171	81.8	-	-	-	-	261	100.0	Edgecombe CC
14,780	82.6	16,312	100.0	3,787	32.8	306	100.0	-	-	-	-	Fayettev'le TCC
17,625	98.4	28,712	98.6	5,201	100.0	272	100.0	-	-	11,270	100.0	Forsyth TCC
3,730	61.4	22,063	93.9	1,302	29.0	279	100.0	-	-	4,730	100.0	Gaston Col.
9,487	54.4	37,854	87.8	4,249	28.9	84	100.0	0	0.0	-	-	Guilford TCC
649	100.0	12,923	99.5	2,692	82.3	-	-	-	-	-	-	Halifax CC
17,129	60.9	8,822	100.0	4,002	73.7	-	-	233	100.0	-	-	Haywood CC
28,677	99.3	7,832	75.8	1,931	100.0	-	-	-	-	-	-	Isothermal CC
303	100.0	12,294	96.6	3,017	71.2	-	-	-	-	-	-	J. Sprunt CC
9,012	100.0	8,774	99.1	5,536	99.1	-	-	-	-	-	-	Johnston CC
20,018	99.8	9,451	100.0	6,547	100.0	-	-	125	100.0	-	-	Lenoir CC
5,808	100.0	11,890	100.0	6,200	89.5	-	-	-	-	-	-	Martin CC
2,755	100.0	2,325	100.0	233	100.0	-	-	-	-	6,495	100.0	Mayland CC
1,127	100.0	3,680	97.3	2,399	100.0	110	100.0	-	-	-	-	McDowell CC
11,883	82.9	20,634	71.4	2,200	33.3	-	-	-	-	4,241	30.3	Mitchell CC
1,419	92.3	4,096	100.0	1,272	100.0	-	-	-	-	-	-	Montgomery CC
-	-	2,997	100.0	1,274	65.1	-	-	-	-	13,355	89.0	Nash CC
465	100.0	2,114	100.0	1,036	47.2	-	-	-	-	-	-	Pamlico CC
10,945	100.0	12,871	98.9	8,401	100.0	-	-	-	-	498	100.0	Piedmont CC
7,462	97.4	6,753	100.0	3,979	100.0	-	-	-	-	5,236	100.0	Pitt CC
4,769	100.0	12,500	100.0	7,381	100.0	-	-	-	-	-	-	Randolph CC
390	100.0	8,198	85.8	644	27.9	100	100.0	-	-	-	-	Richmond CC
-	-	6,247	100.0	5,928	92.3	-	-	-	-	6,868	100.0	Roanoke-Cho. CC
459	100.0	12,726	100.0	4,289	91.6	-	-	-	-	7,220	100.0	Robeson CC
20,733	76.5	16,624	99.7	6,973	100.0	-	-	-	-	1,154	100.0	Rockingham CC
3,597	100.0	17,184	100.0	9,205	100.0	-	-	-	-	-	-	Rowan-Cab. CC
0	0.0	2,289	100.0	2,024	100.0	-	-	-	-	324	100.0	Sampson CC
8,814	81.4	16,948	99.9	8,205	96.8	-	-	539	9.7	-	-	Sandhills CC
9,969	98.3	11,872	100.0	5,350	95.7	-	-	-	-	590	20.5	Southeastern CC
191	100.0	10,656	100.0	1,800	39.4	-	-	-	-	-	-	Southwestern CC
234	100.0	7,213	100.0	495	100.0	-	-	-	-	1,612	100.0	Stanly CC
17,796	100.0	14,650	97.0	5,504	100.0	-	-	-	-	-	-	Surry CC
-	-	3,870	100.0	800	40.2	-	-	-	-	-	-	Tri-County CC
2,764	100.0	6,578	97.5	2,176	22.8	-	-	-	-	-	-	Vance-Granv. CC
2,705	92.0	16,986	87.5	9,138	50.0	328	100.0	-	-	5,572	83.5	Wake TCC
1,803	76.5	10,102	97.6	2,644	94.6	171	100.0	-	-	-	-	Wayne CC
4,346	73.3	12,312	100.0	2,099	28.6	54	100.0	-	-	-	-	W. Piedmont CC
21,655	100.0	30,224	90.5	11,419	100.0	-	-	-	-	-	-	Wilkes CC
2,822	100.0	7,038	100.0	11,158	93.1	219	100.0	-	-	-	-	Wilson Co. TC
373,856	89.4	693,021	95.2	277,026	76.5	2,055	99.1	897	6.9	78,613	68.5	SUBTOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Haw River 27258	06
Anson Community College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Atlantic Christian College	2-2	002908	Wilson	Wilson 27893	02
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Community College	1-3	008083	Haywood	Clyde 28721	11

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
High Point College	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Community College	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson County TC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

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